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Re: Applicant(s) or Identifier : David R. Gottstein
Application No. : Not yet assigned
Filed : Feb. 18, 2000
Title : COMPUTERIZED SYSTEM AND METHOD FOR OPTIMIZING AFTER-TAX PROCEEDS INVOLVING OPTIONS

Please file the annexed papers indicated below:

- ☐ Oath or Declaration (__ pages)
  - ☐ Newly executed (original copy)
  - ☐ Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional)
    - ☐ Deletion Of Inventor(s) -- Signed statement attached deleting inventor(s) named in prior application. (37 C.F.R. §§ 1.63(d)(2) and 1.33(b)).
- ☐ Declaration(s) Claiming Small Entity Status
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If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

- ☐ Continuation
- ☐ Divisional
- ☒ Continuation-in-Part (CIP)

of prior application no.: 09/253,453 filed: Feb. 19, 1999

Prior application information: Examiner: M. Kemper
Group Art Unit: 2764

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

COMPUTERIZED SYSTEM AND METHOD FOR OPTIMIZING AFTER-TAX PROCEEDS INVOLVING OPTIONS

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CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a continuation-in-part of co-pending U.S. patent application no. 09/253,453, filed February 19, 1999.

BACKGROUND OF THE INVENTION

This invention concerns a computer method and system for processing financial securities and instruments. More particularly, this invention accurately determines the after-tax proceeds an investor could expect to have at the end of a holding period for each of a set of investment strategies involving options, and determines an optimal strategy for maximizing such after-tax proceeds.

Taxation is a significant concern to investors and others who are evaluating capital investment transactions such as buying or selling a stock. A transaction that appears to yield a certain before-tax profit may prove less profitable than anticipated after taxes are assessed. Similarly, a transaction that appears to produce a financial loss may actually prove to be less of a loss when tax-losses are offset against capital gains and the liquidated capital is re-invested.

Frequently an investment is sold to re-invest the proceeds in another potentially more profitable capital investment vehicle, and so not merely to liquidate profits. However, the consequences of selling a currently held investment instrument to buy an alternate instrument can only be accurately evaluated by knowing the tax consequences of the transaction in advance. This is particularly true under most capital gain taxation regimes because different, usually lower, tax rates are applied when the investment is held for longer periods. Under some capital gains tax laws the tax rate may be reduced after a specified holding period, such as one year.

Investors and others who manage financial transactions need to be able to assess the after-tax consequences of potential transactions. More importantly, they need to be aware, a priori, of the after-tax consequences of a potential transaction in order to make informed investment decisions that optimize after-tax profits. In order to produce optimal after-tax results, the consequences of each transaction must be made in light of an investor's past and current transactions, the available investment alternatives, their tax bracket, and other factors.

A need exists for a system or method which finds optimal solutions to after-tax investment yields. Previous investment analysis mechanisms have not adequately taken into account the taxation profile and investment expectations of each individual investor, nor do they operate over an entire portfolio. In addition there is a need for a system or method which allows users to make a priori and "what if" calculations to guide their investment decisions.

One known method that attempts to solve the capital gains tax problem is called tax efficiency. Tax efficiency strategies approach the capital gains taxation problem by adopting a low turn-over strategy, where investments are held for periods that are at least long enough to lower the capital gains tax rates. Typically, under the tax efficiency investment discipline, an investor selects low dividend

instruments and holds these instruments long enough to avoid higher capital gains rates. This approach, as titled, may be efficient in that it attempts to reduce the tax consequences of investing. However, in doing so, it eliminates the potential of achieving the highest level of after-tax proceeds, by not assessing if and when a stock which should be sold prior to the long-term window, in order to optimize the highest returns by calculating the economic break-even point of advantage. Accordingly, a need exists for a system or method which takes such re-investment considerations into account.

In addition, in the prior art, when options and other derivative rights are involved in investment planning, many financial advisers and options holders refrain from exercising options in the mistaken belief that retaining options is more profitable. In fact, retaining options may, in some investment strategies, be less profitable, including in light of after-tax determinations. More often, such failures to exercise options occurs since financial advisers and options holders do not perform sufficient, if any, calculations to determine the after-tax effects and proceeds involving exercised and non-exercised options. In the prior art, such advisers and/or options holders would not perform such calculations, since the calculations are viewed as being too complicated with too many and unmanageable ramifications stemming from the exercise or non-exercise of options. In addition, in the prior art, the after-tax effects and proceeds involving options has not been performed on a micro-basis over a plurality of strategies, for example, since such analyses are considered too complicated.

A need exists for a system and method for determining optimized investment strategies involving options and/or other derivative rights.

SUMMARY OF THE INVENTION

A computerized system and method optimizes after-tax proceeds using an after-tax calculation engine employing "DYNAMIC TAX LOGIC" commercially available from Dynamic Capital Management, The computerized system and method accurately determines the after-tax amount of money an individual could expect to have at the end of a holding period for each of a set of investment strategies associated with a particular lot of stock held, including taxable lots and derivative rights, such as options and derivatives, as well as bonds and other financial instruments.

The disclosed computerized system provides several key advantages for investors and others who are interested in optimizing after-tax return on capital investments. These include:

(1) A priori knowledge to provide the ability for investors to see the tax consequences of their investment decisions in advance;

(2) "What if" calculations allowing investors to immediately see the projected results of their transaction decisions without actually executing the trades or doing their tax returns; and

(3) Self-managed expectations in which evaluation of the expected return of an investment, either one that is currently held or an alternate that is being considered, is a subjective process that involves some risk. Therefore, it is important for users to evaluate different investment strategies under different sets of performance expectations. In the disclosed computerized system, expectations (such as, for example, price targets) are specified by the user. Users can either use expectations supplied by a fund manager or use expectations which they have determined themselves.

The computerized system and method helps to produce optimal investment strategies that not only maximize after-tax profits for the individual investor but

which also serve the socially useful purpose of increasing capital mobility and allocating investment capital in those areas where it is most productive, for example, where it generates the most wealth. Thus, the computerized system and method mitigates real and perceived inhibitions on capital mobility that result from the perception of economic distortions that may be caused by the lack of understanding, a priori, of the effects on wealth generation by our tax laws.

The computerized system and method allows users to answer the following multi-part investment question before committing to a transaction:

At what price does it make sense to:

(1) sell an investment instrument;

(2) pay the associated capital gains tax and other fees; and

(3) re-invest in another, potentially better, investment instrument?

A key variable to be determined is the holding period or investment horizon, which is arbitrarily determined by the investor. In an illustrative embodiment this period may be specified to be a 36 month, a 48 month or a 60 month extended holding period, but any arbitrary period length may be programmed and used.

The application of the computerized system and method involves, for example, building the following set of unique assumptions, a specific fact set, and a set of expectations that are applicable to each subject lot. The fact set may include:

(1) the current market price that the subject lot could be currently sold for;

(2) the lot owner's long-term and short-term marginal rates that would be applicable to the subject lot;

(3) the number of shares included in the lot;

(4) the total cost of the lot;

(5) the number of months remaining until a held position would enter the long-term tax window, when rounded up to the longest month;

(6) an annual percentage advisor fee, if applicable, and/or an annual brokerage wrap fee, if applicable; and

(7) a cents per share brokerage expense, if applicable.

The following expectation set may be used, and include:

(1) an assumption about the subject stock price at the beginning of the long-term window, and at the termination of an existing 36, 48, or 60 month investment horizon, arrived at by either assuming an earnings base, a five year earnings growth rate and price earnings (PE) assumption for the subject stock or a static target price for the subject stock for the termination of either a 36, 48, or 60 month investment horizon;

(2) the dividend rate of the subject stock;

(3) the dividend growth rate of the held stock;

(4) the total before-tax-return potential from either a specific stock or an otherwise active re-investment discipline option, assuming the various alternate re-investment options all calculate dividend rates equal to a current rate of the S&P500;

(5) the turnover assumption anticipated with any re-investment strategy;

(6) a five-year growth rate assumption for the Standard & Poor's 500 (S&P500), where a passive strategy comparison is desired;

(7) a five-year price-earnings forecast for the S&P500; and

(8) an assumption as to how vulnerable to an immediate loss a specific lot might be subject to.

The computerized system and method then compares the after-tax proceeds of several investment strategies to identify which is optimal from an after-tax perspective. The computerized system and method may evaluate the following example strategies:

(1) purchasing a lot of a security at the currently inputted price and holding for the selected holding period;

(2) holding an existing lot position until the termination of an investment horizon;

(3) selling the lot at currently inputted prices and re-investing in another lot or otherwise in an active investment discipline for a specified investment horizon;

(4) selling the lot at currently inputted prices and re-investing in a secondary or S&P500-based passive discipline for a specified investment horizon;

(5) selling the lot at the beginning of the long-term window and re-investing in a primary or active investment discipline, for the number of months remaining after an anticipated sell, for a specified investment horizon; or

(6) selling the lot at the beginning of the long-term window and re-investing in an S&P500-based passive discipline for the number of months remaining after an anticipated sell, for a specified investment horizon.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 illustrates the disclosed computerized system for optimizing after-tax proceeds.

FIG. 2 illustrates a flow chart of the operation of the computerized method and system.

FIGS. 3A-3G illustrates spreadsheet embodiments of client input customization windows where users or others can enter facts about the investment lot that is being evaluated.

FIGS. 4A-4B illustrates a spreadsheet embodiment of the price targeting module which computes target prices and sales and taxable gains for lot re-investment.

FIGS. 5A-5D illustrates a spreadsheet embodiment of the tax loss harvest analyzer which offsets tax credits from investments that were sold at a loss against other capital gains in an optimizing strategy. A loss is harvested when raising the cost-basis of a gain by the amount of a loss which reduces the taxes enough to generate higher after-tax proceeds re-invested for higher returns.

FIG. 6 illustrates a spreadsheet embodiment of the comparative pro-forma sensitivity analyzer in which cell formulas for the spreadsheet embodiment of the pro-forma sensitivity analyzer are presented in Appendix A.

FIG. 7 illustrates a spreadsheet embodiment of the optimal strategy window which displays results of the pro-forma processing, such as the optimal strategies for producing after-tax proceeds.

FIG. 8 illustrates a chart depicting results of the computerized system and method for optimizing after-tax proceeds compared with alternate investment strategies that are known in the art.

FIG. 9 illustrates a block diagram of the disclosed computerized system implementing the alternative embodiment of the disclosed system.

FIG. 10 illustrates a flow chart of the operation of the alternative embodiment of the computerized method and system shown in FIG. 9.

FIG. 11 illustrates a chart depicting results of the computerized system and method for optimizing after-tax proceeds involving options using a simple options investment strategy.

FIG. 12 illustrates a chart depicting results of the computerized system and method for optimizing after-tax proceeds involving options compared with multiple alternate investment strategies that are known in the art.

FIGS. 13-43 illustrate example spreadsheet listings of an alternative embodiment of the disclosed computerized system for optimizing after-tax proceeds involving taxable lots and derivative rights for options.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

The computerized system 100 and method for implementing the invention includes a user interface 102 indicated in FIG. 1, a processor 104, and memory 106. The user interface 102 is used for entering the financial data to be processed, for displaying results of the processing, and for other purposes. As shown in FIG. 1, the user interface 102 may include input/output (I/O) devices 108, a spreadsheet window 110, a graphic user interface (GUI) 112, and/or a browser 114. The processor 104 includes hardware and/or software for performing the analysis, in which the processor 104 may include one or more computers. For example, a processor 104 may include a "PENTIUM" available from "INTEL", connected to a personal computer and/or a server over an intranet and/or the Internet. The memory 106 includes a variety of information about investment alternatives, performance expectations for these investment alternatives, client data, and other information.

The computerized system 100 and method may be embodied as a standalone program such as a spreadsheet 116 or dedicated application 118. Examples of spreadsheets include commercially available programs such as "LOTUS 123", "EXCEL" or others. A dedicated application program 118 may be implemented in a number of computer programming languages such as "JAVA", C, C++, APL, COBOL, BASIC or others. Such a dedicated application 118 might be implemented on various computing platforms and operating systems, including "MICROSOFT WINDOWS", the "APPLE MACINTOSH" or other systems. The spreadsheet 116 and/or the dedicated application 118 may also be used with computer-readable medium, such as a diskette, a portable hard drive, a magnetic tape or disk, a CD-ROM, and the like for use in a computer to optimize after-tax proceeds, with the computer read-able medium storing spreadsheet 116 and/or the dedicated application 118 as a predetermined software program implementing a method comprising, for

example, the steps of: receiving tax and investment data, user-customized investment expectations, and financial adviser-based investment expectations; performing tax loss harvesting analysis on the user-customized investment expectations and the financial adviser-based investment expectations over a dynamic taxation time range using a predetermined software program; performing comparative pro-forma tax sensitivity analysis of the tax and investment data and the analyzed investment expectations using the predetermined software program; and determining and outputting an optimal after-tax investment strategy path from a plurality of investment strategy paths over the dynamic taxation time range using the predetermined software program to optimize the after-tax proceeds from the plurality of investment strategies.

The invention may also be embodied as a networked or distributed system such as an Internet-based application and/or a World Wide Web (WWW)-based application on the Internet and connected components. Other embodiments are also possible such as intranet and extranet applications accessible by the browser 114. The spreadsheet and World Wide Web embodiments are described in more detail below.

In the spreadsheet embodiment, a spreadsheet includes a set of input and output windows, stored data cells, and formula cells. The spreadsheet applies the computerized system 100 and method for optimizing after-tax proceeds by applying the formula cells to the user inputs and stored data cells to produce a set of cells including projected results of the strategies that optimize after-tax proceeds.

The spreadsheet embodiment includes six primary modules which are shown in FIG. 2. Investors or other users may operate the program through a set of input windows that correspond to system modules 204, 206 shown in FIG. 2. Facts about the user's investment situation and information about the lot of investment instruments that the user is analyzing are input in block 204. Expectations that the

user has or specifies are input in block 206, which may include but are not limited to holds, price targeting, dividends, dividend growth rates, and re-investment return assumptions for processing by the tax loss harvesting analyzer 210. Note that it is possible for the user to enter their own expectations or to use a set of expectations provided by others, such as a financial investment advisor. The computerized method and system 100 computes optimal after-tax proceeds using formulas in cells forming the modules shown in blocks 202, 208, and 210. The price targeting module 202 determines reasonable target prices over various time horizons.

The tax loss harvesting analyzer 210 applies tax credits that have accrued from transactions which produced a loss and applies these credits to offset potential capital gains from existing or future transactions which are profitable. The pro-forma sensitivity analyzer 208 assesses alternative investment strategies in light of information provided by the modules described above, and other financial analysis modules. The results of the analysis are presented and/or output to the user in the optimal strategy path window 212. Thus the user may make iterative adjustments in the user input window and observe results of the changes in the optimal strategy path recommendation window.

The user input window 204 and shown in more detail in FIGS. 3A-3G includes variables that the user may adjust. FIG. 3A includes cells AK549-AP584 for inputting subjective assumptions of a financial adviser as SYSTEM DEFAULTS, and of a client/customer as CUSTOM ASSUMPTIONS. FIGS. 3B-3G include cells CM1-CR161 for inputting client/customer data such as short-term and long-term tax rates, as well as for inputting data from a financial advisor, in this case "DYNAMIC CAPITAL MANAGEMENT" (DCM), to store such tax rates and/or data. Such input data may be used by other portions of the spreadsheet, such as the cells shown in Appendix A, as well as by other alternative embodiments such as a website implementing the disclosed computerized system 100 and method.

For example, referring to FIG. 3A, on row 561 the user may specify a five year target price for the value of the financial instrument which is being analyzed, for example in this case a stock. The fact sets and set of expectations may be entered either by a financial advisor or by the user. In the example shown in FIG. 3A, the financial advisor may input his/her default values in column AN, while the customized assumptions of a client, which may be different from such values of the financial advisor, may be input in column AP. These variables input in columns AN and AP and specified in rows 556-584 in FIG. 3A include the short-term and long-term tax rates and other related parameters. For example, in cells AN561 and AP561, the five year target price specified by both the financial adviser and the client is set to 16.0 %. In this manner, the financial advisor working with the client or working individually can performed different permutations of investment assumptions to implement conservative or aggressive investment strategies to optimize the after-tax proceeds.

FIGS. 4A-4B depict the capital gains determined using sale prices resulting from the price targeting module 202, with such capital gains realized based on the assumptions of both financial advisor, such as DCM, and the customer, and with such capital gains realized for both the short-term and long-term windows over the succeeding 12 month period. For example, based on the input data, the price targeting module 202 may indicate that the long-term window market value is $ 6,594 for active long-term re-investment, based on both the assumptions of the financial advisor (DCM), as specified in cell C694, and the customized assumptions of the client, as specified in cell F694.

The tax loss harvester 210, shown in more detail in FIGS. 5A-5D, applies tax credits that have accrued from transactions which produced a loss and applies these credits to offset potential capital gains from existing or future transactions which are profitable. Referring to cells AK490-AO538 in FIGS. 5A-5D and the corresponding

cells with associated formulae in Appendix A, the tax loss harvester 210 calculates tax effects for windows such as 36 months, 48 months, and 60 months. For example, the net long term gains based on the input data are specified in cell AM498, which is determined using a conditional expression IF(AL508=AL512,$AM523,0). Upon determining that the equality condition exists, the value of cell AM498 is determined to be the value of cell AM523. Otherwise, upon inequality, the value of cell AM498 is set to 0. In the present example, inequality exists, so the net long term gains are determined to be 0. Similarly, using the formulae in Appendix A, the tax loss harvester 210 with the associated spreadsheet window and parameters determines the various cells shown in FIGS. 5A-5D.

Using the tax loss harvester 210, optimization is further enhanced by utilizing losses against gains on stocks with the least return potential, by raising the cost basis of the gain in a dollar amount not exceeding a respective loss. Such raising of the cost basis thereby reduces the profits, and yields enough higher after-tax proceeds of a sale option, that of exceeding a hold or a wait until the long-term window emerges, if applicable, and thereby achieves optimum after-tax dollars through more aggressive re-investment.

Results may be viewed in the output window, or optimal strategy path module 212 and shown in detail in FIG. 6, including cells AK606-AQ647, with associated formulae shown in Appendix A. This window presents different investment strategies such as holding the investment, selling the investment immediately with either active or passive re-investment, or selling the investment long-term, again with active or passive re-investment. By presenting such investment information in column form, the system 100 and method permit a user to compare and choose the optimal results of several investment options.

For the optimal strategy path module 212, many of the values in the cells AK606-AQ647 are obtained from the cells CP60-CP146 shown, for example, in FIGS. 3B-3G, which are in turn determined by the comparative pro-forma sensitivity analyzer module 208 using predetermined formulae in the cells AL676-AR725 in Appendix A associated with the comparative pro-forma sensitivity analyzer module 208. For example, the five year value for a sell-now with passive re-investment strategy, indicated in cell AQ619 in FIG. 6, has the value of cell CP71, specified in Appendix A, which in turn has the value of cell AP725 shown in Appendix A, involving calculations of the comparative pro-forma sensitivity analyzer module 208 shown in FIG. 7. Accordingly, cell AP725 determines the value of:

AP717+AP718+AP720-AP721-AP722-AP723-AP724

as shown in the formula in cell AP725 in Appendix A, which reflects the addition of the after-tax values of a lot after year four with the year five capital appreciation and the year five dividend income, less the year five capital gains tax and the ordinary tax, any year five fixed fee, and year five commission expenses. With such calculations performed by the predetermined formulae in cells AL676-AR725, the optimal strategy path module 212 determines and displays the various recommendations based on the calculations of the comparative pro-forma sensitivity analyzer module 208.

The comparative pro-forma sensitivity analyzer module 208 in FIG. 7 compares different investment strategies based on the results from other modules of the computerized system. Formulas in the spreadsheet cells, such as the cells AK671-AR762 shown in Appendix A, apply the Dynamic Tax Logic (DTL) process implemented in FIGS. 3A-7 to various sets of investment alternatives to find strategies that produce optimal after-tax proceeds. For example, in Appendix A, the cell formula at AL683 computes the value of the investment lot held for five years by multiplying the number of shares specified in predetermined locations in

memory, such as in cells which receive such data from a user or a database. For example, in one embodiment, the value in cell AL683 is determined by multiplying the values in cell AN573 corresponding to the number of shares by the last or current stock price specified in B2.

Additional cells throughout the spreadsheet may store additional data and formula for use by the modules 202-212, and have either input data or predetermined formulae. For example, cell F18 may include a dividend growth rate for use in determining year two dividend income for new purchase and for held positions in cells AL696 and AM696, respectively, as per Appendix A. Similarly, CP55 stores a stock supportable dividend yield for use by the formulae in cells AL678-AM678 and the corresponding values specified in FIG. 7.

In addition to the modules described above, other cells in the spreadsheet contain further information on the universe of investment alternatives currently tracked in the spreadsheet. This includes current and historical information on the universe of investment alternatives, information on past market performance, and other information. It is understood that the spreadsheet and/or memory locations may store and access information and data for processing by the modules 202-212, including text, data, and formulae which are known in the art for implementing the disclosed invention. A variety of analytic measures that further describe the actual past performance and expected future performance of these investment instruments are computed by a predetermined set of formulas in cells and stored for use by other modules in the spreadsheet.

FIG. 8 shows the results of the computerized system 100 and method for optimizing after-tax proceeds compared with alternate investment strategies that are known in the art. This chart compares six investment disciplines that measure the value of the investment if: (1) held, with the proceeds computed at market value, without taxation or other costs; shown as line 902; (2) sold long-term with the

proceeds taxed and re-invested in an active investment discipline, shown as line 904; (3) held, with the proceeds computed at their true after-tax value, shown as line 906; (4) sold long-term with the proceeds taxed and re-invested in a term passive investment discipline, shown as line 908; (5) sold immediately, with the proceeds re-invested in an active investment discipline, shown as line 910; and (6) sold immediately, with the proceeds re-invested in a passive investment discipline, shown as line 912. There are several key features to note about the performance of the disclosed system 100 and method of the invention. First, the market value 902 is consistently greater than the after-tax proceeds of selling the investment since there is always a tax on the proceeds. Second, after another 6 months the proceeds shown in 904-908 jump since the capital gains tax rate is effectively lowered. In the examples shown in FIG. 8, it is assumed that a lot had been purchased six months previously.

Another embodiment of the invention is as a distributed processing system on a network, such as a World Wide Web (WWW) site on the Internet. Referring to FIG. 1, this embodiment includes a user interface 102 or front-end means that is available via the Internet by a client using a browser 114, or other access methods. The user interface 102 in this embodiment allows a client to enter various data through a set of forms, which gather substantially identical information as the input windows in the spreadsheet embodiment. The front end includes a set of web-page forms which may be written in the Hyper Text Markup Language (HTML). These pages provide a description of the program inputs and gather data from users through the set of input forms. These data are then transmitted through middleware such as a Common Gateway Interface (CGI) script to the DTL processor engine or computation server 120 as shown in FIG. 1. The processor engine then evaluates a set of alternate investment strategies using the DTL process. The universe of investments 122 in this embodiment can be dynamically updated or accessed

directly from the system 100. This is accomplished through processing methods and networked communications protocols that are known in the art. A set of results and recommendations are computed and transmitted back to the user through the CGI gateway where they are formatted and displayed as a customized webpage.

The DTL engine may also communicate with other databases 126 to maintain up-to-date information on all investment prices and related information. The DTL engine may also communicate with electronic brokerage systems to execute trades if desired by the user. The user data may be segregated from other data and may be saved between sessions. Thus the user data is both private and persistent. This allows each user to input fact sets regarding each lot of investment instruments they hold along with whatever investment expectations they may have available and then explore a variety of transactions based on these data.

The disclosed computerized system 100 and method optimizes after-tax proceeds using an after-tax calculation engine employing "DYNAMIC TAX LOGIC", "DYNAMIC TAX OPTIMIZATION", and/or "DYNAMIC TAX OPTIMIZER, products and services commercially available from "DYNAMIC CAPITAL MANAGEMENT". The computerized system 100 and method accurately determines the after-tax amount of money an individual could expect to have at the end of a holding period for each of a set of investment strategies associated with a particular lot of stock held.

The disclosed computerized system 100 provides several key advantages for investors and others who are interested in optimizing after-tax return on capital investments. These include:

(1) A priori knowledge to provide the ability for investors to see the tax consequences of their investment decisions in advance;

(2) "What if" calculations allowing investors to immediately see the projected results of their transaction decisions without actually executing the trades or doing their tax returns; and

(3) Self-managed expectations in which evaluation of the expected price targets or returns of an investment, either one that is currently held or an alternate that is being considered, is a subjective process that involves some risk. Therefore, it is important for users to evaluate different investment strategies under different sets of performance expectations. In the disclosed computerized system 100, expectations (such as, for example, price targets and dividend rates) are specified by the user. Users can either use expectations supplied by a fund manager or use expectations which they have determined themselves.

The computerized system 100 and method helps to produce optimal investment strategies that not only maximize profits for the individual investor but which also serves the socially useful purpose of increasing capital mobility and allocating investment capital in those areas where it is most productive, for example, where it generates the most wealth. Thus, the computerized system 100 and method mitigates real and perceived inhibitions on capital mobility that result from economic perceptions of distortions that may be caused by the lack of understanding, a priori, of the effects on wealth generation by our tax laws.

The computerized system 100 shown in FIG. 1 operating according to the method shown in FIG. 2 allows users to answer the following multi-part investment question before committing to a transaction:

At what price does it make sense to:

(1) sell an investment instrument;

(2) pay the associated capital gains tax and other fees; and

(3) re-invest in another, potentially better, investment instrument?

A key variable to be determined is the holding period or investment horizon, which is arbitrarily determined by the investor. In an illustrative embodiment FIG. 6 this period may be specified to be a 36 month, a 48 month or a 60 month extended holding period, but any arbitrary period length may be programmed and used.

The application of the computerized system 100 and method involves, for example, building a set of unique assumptions, including a specific fact set such as example fact sets shown in FIGS. 3A-3G, as well as a set of expectations that are applicable to each subject lot. The fact set may include:

(1) the current market price that the subject lot could be currently sold for;

(2) the lot owner's long-term and short-term marginal rates that would be applicable to the subject lot;

(3) the number of shares included in the lot;

(4) the total cost of the lot;

(5) the number of months remaining until a held position would enter the long-term tax window, when rounded up to the longest month;

(6) an annual percentage advisor fee, if applicable, and/or an annual brokerage wrap fee, if applicable; and

(7) a cents per share brokerage expense, if applicable.

The following expectation set may be used, and include:

(1) an assumption about the subject stock price at the beginning of the long-term window, and at the termination of an existing 36, 48, or 60 month investment horizon, arrived at by either assuming an earnings base, a five year earnings growth rate and PE assumption for the subject stock or a static target price for the subject stock, which may be arrived at with a static price target for the termination of either a 36, 48, or 60 month investment horizon;

(2) the dividend rate of the subject stock;

(3) the dividend growth rate of the held stock;

(4) the total before-tax-return potential from either a specific stock or an otherwise active re-investment discipline option, assuming the various alternate re-investment options all calculate dividend rates equal to a current rate of the S&P500;

(5) the turnover assumption anticipated with any re-investment strategy;

(6) a five-year growth rate assumption for the Standard & Poor's 500 (S&P500), where a passive strategy comparison is desired;

(7) a five-year price-earnings forecast for the S&P500; and

(8) an assumption as to how vulnerable to an immediate loss a specific lot might be subject to.

The computerized system 100 and method then compares the after-tax proceeds of several investment strategies to identify which is optimal from an after-tax perspective 208. The computerized system 100 and method may evaluate the following example strategies FIG. 6:

(1) purchasing a lot of a security at the currently inputted price and holding for the selected holding period;

(2) holding an existing lot position until the termination of an investment horizon;

(3) selling the lot at currently inputted prices and re-investing in another lot or otherwise in an active investment discipline for a specified investment horizon;

(4) selling the lot at currently inputted prices and re-investing in a secondary or S&P500-based passive discipline for a specified investment horizon;

(5) selling the lot at the beginning of the long-term window and re-investing in a primary or active investment discipline, for the number of months remaining after an anticipated sell, for a specified investment horizon; or

(6) selling the lot at the beginning of the long-term window and re-investing in an S&P500-based passive discipline for the number of months remaining after an anticipated sell, for a specified investment horizon.

ADDITIONAL EMBODIMENTS

The system 100 described herein with regard to FIGS. 1-8 may be incorporated into and/or in communication with other systems capable of performing the optimizing of after-tax proceeds involving other financial instruments, including options, taxable lots, derivatives, as well as bonds and the like. In one alternative embodiment shown in FIGS. 9-43, a system 1000 and associated methods, which may include a spreadsheet program or other hardware and/or software implementations, may be used to determine and optimize after-tax proceeds involving options and comparable financial instruments, as well as stocks and bonds.

FIGS. 13-43 illustrate an example spreadsheet with example values and formulas of the alternative embodiment using financial information input and/or stored in the memory 106 of the system 1000 shown in FIG. 9. Such financial information may include the data records or tables 122-126 described herein with respect to FIG. 1, and may also include an options database 1002, which may include a listing of various options-related instruments such as lots and/or taxable entities. The spreadsheet in FIGS. 13-43 may be implemented as the spreadsheet program 1004 for the disclosed invention executed by the processor 104 as described herein with reference to the spreadsheet program 116 in FIGS. 1 and 3A-7B. For example, the spreadsheet in FIGS. 13-43 may be an extension of the spreadsheet in

FIGS. 3A-7B, and/or each set of cells in FIGS. 3A-7B and 13-43 may be subsets of an overall spreadsheet program accessible by a user.

Alternatively and/or additionally, as shown in FIG. 9, the disclosed invention may be implemented as an application program 1006 and/or a computation server 1008 as described herein with reference to the program 118 and server 120 of FIG. 1. The disclosed system 1000 implementing optimization in view of options also includes appropriate interfaces 102 with components 108-114 shown in FIG. 10, as described herein with reference to the components 108-114 in FIG. 1.

Referring to FIG. 10, the system 1000 of FIG. 9 operates according to the flowchart 2000 in a similar manner to the operation of the system 100 in FIG. 1 with reference to FIG. 2, but with appropriate options information and information processing. In FIG. 10, facts and expectations are input to a price targeting module 2002 which provides and/or generates expectations 2004, such as holds, dividends and/or interest, re-investment assumptions, etc., with interest expectations pertinent to optimization involving bonds. Available facts, equity, and/or bond lot information 2006, including options data, as well as costs, prices, tax rates, choices of options versions, realized gains and losses, bond data, other equity data, and/or currency data.

Such available facts, equity, and/or bond lot information 2006 are also provided, for example, as inputs to an options expiration monitor module 2008, and optionally to a tax loss harvesting analyzer shown in FIG. 2 for optimizations involving stocks and/or bonds. The options expiration monitor module 2008 tracks available options and their expirations, and generates expiration messages or warnings. In addition, the available facts and lot information 2006 may include choices of option versions and strategies, such as straight equity, employee stock, employee incentive, etc., any or all of which the user may select through the interface 102 to control the operation of the processor 104 to perform the after-tax

optimization involving options. In additional and/or alternative embodiments, the facts and lot information 2006 may include bond data.

The expectations 2004, the facts and lot information 2006, and the expiration messages from the options expiration monitor module 2008 are applied to a comparative pro-forma sensitivity analyzer 2010 for generating an optimal strategy path recommendation 2012, which includes and considers options in the strategy path for optimal after-tax proceeds from various investment paths including options. In the additional and/or alternative embodiments, the bond data may be inputted to the comparative pro-forma sensitivity analyzer 2010 for determining an optional strategy path recommendation 2012 involving bonds.

In use, the system 1000 described herein with reference to FIGS. 9-43 implements the "DYNAMIC TAX LOGIC" , "DYNAMIC TAX OPTIMIZATION", and/or "DYNAMIC TAX OPTIMIZER, products and services commercially available from "DYNAMIC CAPITAL MANAGEMENT", to perform a rational sell discipline, and represents a mathematical approach to determining when an equity security, on a lot-by-lot basis, representing a taxable entity, should be sold, taxes paid, and reinvested for higher after-tax wealth generation, based upon a set of investment facts and expectations. In this manner, the system 1000 considers capital appreciation, dividends received, dividend taxes paid at marginal rates, the maturity of a purchase for the determination of the application of a higher tax rate to a lower tax rate on any realized appreciation, the cost of a purchase, the resulting profit, and any resulting after-tax direct proceeds. This results because the overall method is an attempt to compare the relative future dollar money values available to an investor should an investor decide to sell an asset today, or wait until sometime in the future. To be thorough, the system 1000 may operate to include the expenses associated with investment activities such as brokerage and investment advisory fees, because

such expenses represent real costs that ultimately determine spendable after-tax proceeds net of all direct associated costs.

As described herein for the system 100 referred to in FIGS. 1-8, the system 1000 operates to apply to adjustments in tax law to the derivatives of individual lots and/or otherwise taxable entities. For example, in the case of options in generalizing DTL optimization methods, the optimization questions for different investment strategies are:

1. whether an option to purchase a share, or shares, of stock should be exercised now, and

1a. hold the position until the end of an investment horizon, such as twelve months past a maturity date, or

1b. sold immediately with the resulting after-tax proceeds re-invested until the end of the investment horizon such as twelve months past maturity, or

1c. sold at the point where long term capital gains treatment is achieved such as twelve months, and re-invest until the end of the investment horizon, in the case of a straight options version,

2. wait to the maturity date until the option would otherwise expire to exercise and purchase, and

2a. choose to sell immediately, re-investing the after-tax proceeds until the end of the investment horizon, or

2b. wait until the end of the investment horizon to sell, being twelve months past the maturity of the option when the long term capital gains rate is achieved in the case of the straight options version.

Accordingly, in the illustrative embodiment of the disclosed system 1000, the following five different strategies implementing investment choices may be

used, compared, and contrasted, such as shown in FIG. 12, to obtain the optimal performance:

1. exercise now and sell 12 months past maturity;

2. exercise now and sell now, and re-invest until 12 months past maturity;

3. exercise now and sell at the long term window in 12 months, and re-investing until 12 months past maturity, being the end of the common investment horizon (in the straight option version);

4. exercise at maturity and sell immediately, re-investing until 12 months expires, or whenever the long term window is achieved; and

5. exercise at maturity and hold until the long term window is achieved.

It is to be understood that, in the illustrative embodiment described herein, a twelve month holding period reflecting a long-term window may be used, for example, in a straight options version of the disclosed system 1000. However, the holding period may be varied for different embodiments of the system 1000, for example, using a twenty-four month window and/or windows of different duration in other embodiments to exercise options now, and hold the position until the end of an investment horizon, which is twelve months past the maturity date, or twenty four months after the options begin to mature.

Each choice represents a decision point alternative determined both by specific tax parameters such as capital gains treatments, horizons relative to time, investment facts, and performance expectations. In this example version of derivatives, a minimum five sets of decision points would have to have resulting future after-tax dollar values projected for optimization comparison purposes, as opposed to only three necessary in the primary equities market. The material sell decision points become either: selling now, sell in twelve months, sell at the

expiration of the stock option, or sell twelve months after the expiration of the stock option, with a purchase decision a function of the optimal selling strategy.

For the method to be accurately executed in this set of vehicles, the pro-formas performed by the analyzer 2010 of FIG. 10, for example, would be reflective of the fact that no dividends would be received while the option was not exercised. The investment time horizons available to the user would allow them to pick the number of months or quarters away from the expiration of the option, representing a reference point for the end of an investment horizon in something shorter than annual increments. The end of horizon and the final decision point would be the point of long term capital gains treatment, such as twelve months after the expiration of the option.

In specific terms, there would be a separate set of calculations utilizing the disclosed methodology and/or whatever procedures may be consistent with a predetermined set of tax code regulations, subject to a specific investment, if the options under consideration are employee stock options, and either qualified or not. The various methodologies and procedures may be employed to assess the effects of one or more investment strategies and paths, such as described above as the strategies 1a-1b and 2a-2b.

These characteristics, as currently defined by law, would determine capital gains or marginal tax treatment. In any event, each set of applicable laws would determine the pro-forma math set performed by the analyzer 2010 of FIG. 10 which are necessary to accomplish the method by which end of horizon comparative after-tax dollar values may be simulated or projected in order to determine the optimal strategy path 2012, including options, in FIG. 10.

In other embodiments of the system 1000 incorporating considerations of options and maturity thereof, a predetermined horizon may be set at, for example, two years for option maturity for determining the optimal strategy path

recommendation. As shown in FIG. 11, over the predetermined horizon of two years, the system 1000 compares the full market value of an exercised lot relative to an exercise cost of an optioned lot. FIG. 11 indicates that a first and relatively simple strategy path 2014 of holding onto the optioned lot until maturity to a value of, for example, $ 13,782 is optimal compared to the exercise cost 2016 of the optioned lot valued at, for example, $ 7,000. Using the pro-forma analyzer 2010, the system 1000 chooses between the paths 2014, 2016 and outputs the optimal path recommendation 2012 to the user, via the interface 102, as an outputted optimal after-tax investment strategy path advises a user of optimal investments to be made, such that the optimal strategy path recommendation 2012 in FIG. 10 takes into account such increases in full market value.

FIG. 12 illustrates a chart depicting results of the computerized system and method for optimizing after-tax proceeds involving options compared with multiple alternate investment strategies that are known in the art. The various strategies involving options include a first strategy 2018 in which one exercises a purchase at maturity, and sells long term; a second strategy 2020 in which one exercises a purchase at maturity, and sells immediately and re-invests; a third strategy 2022 in which one exercises a purchase now, not at maturity, and sells long term and re-invests; a fourth strategy 2024 in which one exercises a purchase now and sells twelve months past maturity of the option; and a fifth strategy 2026 in which one exercises a purchase now, and sells now and re-invests.

In an example embodiment of the system 1000 as a spreadsheet shown in FIGS. 13-43, a user may jump to cell AA1 in FIG. 13 using, for example, a GOTO or F5 command in "LOTUS", to view the list of strategies in cells AA3-AE17. The user may then use the client input customization window for inputting custom assumptions as facts and lot information 2006 in cells AA20-AE50 shown in FIGS. 13-14. Expectations 2004 are also input through the price targeting module 2002

such as cells AA35-AF53 in FIGS. 13-14 to be stored as expectations 2004, shown in FIG. 10.

The system 1000 then performs the optimization by a comparative pro-forma sensitivity analyzer 2010, embodied as the spreadsheet cells and associated formulae shown in FIGS. 14- 43 having at least cells AA70-AJ2170, and displays the optimization results for each of the five strategies and for each of the quarters until an option matures, depending on the number of quarters until the option expires. It is to be understood that the spreadsheet shown may include additional cells and associated formulae not shown in FIGS. 13-43 which are interconnected and linked to the cells and associated formulae shown in FIGS. 13-43.

For example, as shown in FIG. 13, for the sample financial data over eight quarters until option maturity and over forty quarters until the option expires, the optimization results are generated by the system 1000 according to each of the strategies, with the optimization results output in cells AA55-AE67, as shown in FIG. 14.

The pro-forma analyzer 2010 shown in FIGS. 14-43 includes sets of cells respectively dedicated to performing the pro-forma calculations based on a respective strategy. For example, the cells shown in rows 70-485 in FIGS. 14-20, illustrate the calculations for the strategy of exercising a purchase at maturity and then selling immediately, with calculations for each quarter until option maturity, in this example, being eight quarters, extending in cells to the right of the spreadsheet and for each quarter until the option expires, in this example, being forty quarters, extending for each quarter in cells downward, such as cells AA117-AF132 shown in FIG. 16 for calculating the value ending in the fourth quarter.

For a second strategy of exercising purchases at maturity and selling long term, the pro-formas are shown in rows 490-905 in FIGS. 20-26. For a third strategy of exercising a purchase now and selling now, the pro-formas are shown in rows

910-1325 in FIGS. 26-32. For a fourth strategy of exceeding a purchase now and selling long term, the pro-formas are shown in rows 1330-1750 in FIGS. 32-38. For a fifth strategy of exercising a purchase now and selling twelve months past maturing, the pro-formas are shown in rows 1754-2170 in FIGS. 38-43.

The results of the pro-formas are then displayed as the optimization results in FIG. 14, which may also be plotted by the spreadsheet, for example, as the strategy paths 2018-2026 as shown in FIG. 12, to be output to a user to assist in visualizing the optimal investment strategy path to use. It is to be understood that multiple strategies, including different types and numbers of strategies, may be implemented by the system 1000, and so are not limited to the five strategies described wherein and such strategies descried herein are not exhaustive.

By the foregoing the computerized systems 100, 1000 and method have been disclosed by way of the preferred embodiment. However, numerous modifications and substitutions may be had without departing from the spirit of the invention. For example, while the preferred embodiment discusses using a computer implementing formulae in a spreadsheet, it is wholly within the purview of the invention to contemplate a database program implementing such formula and displaying such input and output windows in the manner as set forth above. In addition, other financial instruments such as bonds may also be considered in determining an optimal strategy investment path for a user.

For example, the systems and methods described herein may be used to determined when a zero-coupon bond is to be sold, with the taxes being paid, and re-invested for higher after-tax wealth using, for example, a micro-pro forma analysis. As shown in FIG. 10, various financial investments, such as stocks, options, bonds, etc., including combinations thereof, may be evaluated using the disclosed systems and methods and extensions thereof to apply associated mathematical calculations and methodologies applicable to associated economics and tax rules involving such

financial instruments, to determine the optimized investment strategies for individuals, institutions, and combinations thereof.

In one example, embodiment, the optimization of after-tax proceeds involving investments including bonds may include the tax loss harvesting analyzer 210 described wherein and shown in FIG. 2. Alternatively, the components and operations of both systems 100, 1000 may be combined and/or extended to facilitate and display investments strategy paths which optimize after-tax proceeds involving any combination of financial instruments, including stocks, bonds, options, derivatives, mutual funds, Treasuries, international currency markets, American Depositary Receipts (ADRs), "BOWIE" bonds based on celebrity royalties, etc. Accordingly, the invention has been described by way of illustration rather than limitation.

APPENDIX A
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	AL	AM
490		3YR
491		=(AP608)
492	=(AN573)	=SUM(AM493:AM496)
493	=(AN574)	=IF(AL512=AL508,$AL523,0)
493	=(AN575)	=IF(AL508=AL512,$AL531,0)
495	=(AN569)	=IF(AL508=AL512,+$AM531,0)
496	=(AN570)	=IF(AL508=AL512,$AM523,0)
497	=(AN568)	
498	=(AN571)	=(AL527+AM527+AL535+AM535)
499	=(AL497+AL498)	
500	=(AN572)	
501	=(AL500*AL495)	
502	=IF(AL498<0,AL498,0)	
503	=(AL493+AL538)	
504	=IF(AL494<1,AL496,AL495)	
505	3YR	4YR
506	=(AO616)	=(AP616)
507	=(AO617)	=(AP617)
508	=(AO618)	=(AP618)
509	=(AO619)	=(AP619)
510	=(AO620)	=(AP620)
511	=(AO621)	=(AP621)
512	=MAX(AL507:AL510)	=MAX(AM507:AM510)
513		
514	=(AL503/AL492)	EFFECTIVE RATE
515	=(AL492*AN557)	=IF(AN516>1,1,AN516)
516	=(AN557-AL537)/AL537	TURNOVER
517	=IF(AL494>0,((AL515-(AL495*(AL515-AL493)))),(AL515-(AL496*(AL515-AL493))))	LONG TERM AFTER TAX VAL
518	=IF((AN557-(AL493/AL492))<0,0,(AN557-(AL493/AL492)))	
519		

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	AL	AM
520	1. ST/ST	4. LT/ST NET
521	=IF(AL497<0,AL497,0)	=IF(AL497+AL498+AL500+AM531*AL518<0,AL498+AL497+AM531*AL518+AL500,0)
522	=IF(AL494>0,(AL492*AN557)-AL493,0)	=IF(AL494<0.001,((AL492*AN557)-AL493)-AL518*AM531,0)
523	=IF(AL518=0,0,MIN(-AL521/$AL518,AL522/AL518))	=IF(AL518=0,0,MIN(-AM521/AL518,AM522/AL518))
524	=(AL497+(AL523*AL518))	=(AL497)+AL518*AM523
525	=AL498	=(AL498+((AM531)*AL518))
526	=(AL497+AL498+(AL523*AL518))	=(AL497+AL498+(AM531+AM523)*AL518)
527	=IF(AND(AL526>0,AL524>AL525),AL495*AL526,IF(AND(AL526>0,AL525>AL524),AL496*AL526,0))	=IF(AND(AM526>0,AM524>AM525),AL495*AM526,IF(AND(AM526>0,AM525>AM524),AL496*AM526,0))
528	2. ST/LT	3. LT/LT
529	=IF(AL498<0,AL499+AL523*AL518,0)	=IF(AL498<0,AL498,0)
530	=IF(AL494>0,((AL492*AN557)-AL493)-AL523*AL518,0)	=IF(AL494<0.001,(AL492*AN557)-AL493,0)
531	=IF(AL518=0,0,MIN(-AL529/AL518,AL530/AL518))	=IF(AL518=0,0,MIN(-AM529/AL518,AM530/AL518))
532	=(AL497+AL518*(AL523+AL531))	=AL497
533	=AL498+AL518*AL531	=(AL498+(AM531*AL518))
534	=(AL497+AL498+(AL531*AL518)+(AL518*AL523))	=(AL497+AL498+(AM531*AL518))
535	=IF(AND(AL534>0,AL532>AL533),AL495*AL534,IF(AND(AL534>0,AL533>AL532),AL496*AL534,0))	=IF(AND(AM534>0,AM532>AM533),AL495*AM534,IF(AND(AM534>0,AM533>AM532),AL496*AM534,0))
536		
537	=(AL493/AL492)	
538	=(AL523+AM523+AL531+AM531)*AL518	

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	AN	AO
490	4YR	5YR
491	=(AP610)	=(AP612)
492	=SUM(AN493:AN496)	=SUM(AO493:AO496)
493	=IF(AM512=AM508,$AL523,0)	=IF(AN512=AN508,$AL523,0)
493	=IF(AM508=AM512,$AL531,0)	=IF(AN508=AN512,$AL531,0)
495	=IF(AM508=AM512,+$AM531,0)	=IF(AN508=AN512,+$AM531,0)
496	=IF(AM508=AM512,$AM523,0)	=IF(AN508=AN512,$AM523,0)
497		
498	CUR YR TAXES	
499		
500		
501		
502		
503		
504		
505	5YR	
506	=(AQ616)	
507	=(AQ617)	
508	=(AQ618)	
509	=(AQ619)	
510	=(AQ620)	
511	=(AQ621)	
512	=MAX(AN507:AN510)	
513		
514	=(AN515*AL496+(1-AN515)*AL495)	
515	=IF(AM515<0.501,1,(1-((AM515-0.5)/0.5)))	
516	=(AN562)	
517	=(C701)	

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	AO	AP	AQ
608		=(CP57)	
609			
610		=(CP58)	
611			
612		=(CP59)	
613			
614	3YR	4YR	5YR
615			
616	=(CP60)	=(CP61)	=(CP62)
617	=(CP63)	=(CP64)	=(CP65)
618	=(CP66)	=(CP67)	=(CP68)
619	=(CP69)	=(CP70)	=(CP71)
620	=(CP72)	=(CP73)	=(CP74)
621	=(CP75)	=(CP76)	=(CP77)
622			
623			
624			
625	=(CP78)	=(CP79)	=(CP80)
626			
627			
628		=(AP606)	
629			
630		=(CP123)	
631			
632		=(CP124)	
633			
634		=(CP125)	
635			
636	3YR	4YR	5YR
637			
638	=(CP126)	=(CP127)	=(CP128)
639	=(CP129)	=(CP130)	=(CP131)
640	=(CP132)	=(CP133)	=(CP134)
641	=(CP135)	=(CP136)	=(CP137)
642	=(CP138)	=(CP139)	=(CP140)
643	=(CP141)	=(CP142)	=(CP143)
647	=(CP144)	=(CP145)	=(CP146)

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	AL	AM
676	=($AN$582+$AN$583)	=($AN$582+$AN$583)
677	=(AL679+AL678)	=(AM679+AM678)
678	=($CP$55)	=($CP$55)
679	=(AL747)	=(AM747)
680	=(AL683)	=($AN$576)
681		
682		
683	=($AN$573*$B$2)	=($AN$573*$B$2)
684	=(AL683)	=(AM683-(AM683-AM680)*$CP$56)
685		
686	=(AL684*AL679)	=(AM683*AM679)
687	0	0
688	=(AL684*AL678)	=(AM683*AM678)
689	0	0
690	=(AL688*$AN$569)	=(AM688*$AN$569)
691	=(AL683*AL676)	=(AM683*AM676)
692	=($AN$584*$AN$573)	0
693	=(AL683+AL686+AL688-AL689-AL690-AL691-AL692)	=(AM683+AM686+AM688-AM689-AM690-AM691-AM692)
694	=(AL693*AL679)	=(AM693*AM679)
695	0	0
696	=(1+$F$18)*AL688	=(1+$F$18)*AM688
697	0	0
698	=(AL696*$AN$569)	=(AM696*$AN$569)
699	=(AL693*AL676)	=(AM693*AM676)
700	0	0
701	=(AL693+AL694+AL696-AL697-AL698-AL699-AL700)	=(AM693+AM694+AM696-AM697-AM698-AM699-AM700)
702	=(AL701*AL679)	=(AM701*AM679)
703	0	0
704	=(1+$F$18)*AL696	=(1+$F$18)*AM696
705	0	0
706	=(AL704*$AN$569)	=(AM704*$AN$569)
707	=(AL701*AL676)	=(AM701*AM676)

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	AL	AM
708	0	0
709	=(AL701+AL702+AL704-AL705-AL706-AL707-AL708)	=(AM701+AM702+AM704-AM705-AM706-AM707-AM708)
710	=(AL709*AL679)	=(AM709*AM679)
711	0	0
712	=(1+$F$18)*AL704	=(1+$F$18)*AM704
713	0	0
714	=(AL712*$AN$569)	=(AM712*$AN$569)
715	=(AL709*AL676)	=(AM709*AM676)
716	0	0
717	=(AL709+AL710+AL712-AL713-AL714-AL715-AL716)	=(AM709+AM710+AM712-AM713-AM714-AM715-AM716)
718	=(AL717*AL$679)	=(AM717*AM679)
719	=(AL$728*$AN$573)-AL$683-AL$692	=(AM728*$AN$573)-AM680-($AN$573*$AN$584)
720	=(1+$F$18)*AL712	=(1+$F$18)*AM712
721	=(AL719*$AN$570)	=(AM719*$AN$570)
722	=(AL720*$AN$569)	=(AM720*$AN$569)
723	=(AL717*AL$676)	=(AM717*AM676)
724	=(AL$692)	=($AN$584*$AN$573)
725	=(AL717+AL718+AL720-AL721-AL722-AL723-AL724)	=(AM717+AM718+AM720-AM721-AM722-AM723-AM724)

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	AO	AP
676	=($AN$582+$AN$583)	=($AN$582+$AN$583)
677	=(AO679+AO678)	=(AP679+AP678)
678	=($AN$595)	=($AN$595)
679	=($AN$577-AO678)	=(AR857)
680	=($AN$576)	=($AN$576)
681		
682		
683	=($AN$573*$B$2)	=($AN$573*$B$2)
684	=(AO683-(AO683-AO680)*$CP$56)	=(AP683-(AP683-AP680)*$CP$56)
685		
686	=(AO684*AO679)	=(AP684*AP679)
687	=IF($AN$562>0.999,AO686,$AN$562*AO686)	0
688	=(AO684*AO678)	=(AP684*AP678)
689	=($AN$569*AO687)	0
690	=(AO688*$AN$569)	=(AP688*$AN$569)
691	=(AO684*AO676)	=(AP684*AP676)
692	=($AN$562*2*$AN$584*$AN$573)	0
693	=(AO684+AO686+AO688-AO689-AO690-AO691-AO692)	=(AP684+AP686+AP688-AP689-AP690-AP691-AP692)
694	=(AO693*AO679)	=(AP693*AP679)
695	=IF($AN$562>0.999,AO694,$AN$562*(AO694+AO686-AO687))	0
696	=(AO693*AO$678)	=(AP678)*AP693
697	=($CP$54*AO695)	0
698	=(AO696*$AN$569)	=(AP696*$AN$569)
699	=(AO693*AO676)	=(AP693*AP676)
700	=($AN$562*2*$AN$584*$AN$573)	0
701	=(AO693+AO694+AO696-AO697-AO698-AO699-AO700)	=(AP693+AP694+AP696-AP697-AP698-AP699-AP700)
702	=(AO701*AO679)	=(AP701*AP679)
703	=IF($AN$562>0.999,AO702,$AN$562*(AO702+AO694-AO695+AO686-AO687))	0
704	=(AO701*AO$678)	=(AP701*AP$678)
705	=($CP$54*AO703)	0
706	=(AO704*$AN$569)	=(AP704*$AN$569)
707	=(AO701*AO676)	=(AP701*AP676)

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	AO	AP
708	=($AN$562*2*$AN$584*$AN$573)	0
709	=(AO701+AO702+AO704-AO705-AO706-AO707-AO708)	=(AP701+AP702+AP704-AP705-AP706-AP707-AP708)
710	=(AO709*AO679)	=(AP709*AP679)
711	=IF($AN$562>0.999,AO710,$AN$562*(AO710+AO694-AO695+AO686-AO687+AO702-AO703))	0
712	=(AO709*AO$678)	=(AP709*AP$678)
713	=($CP$54*AO711)	0
714	=(AO712*$AN$569)	=(AP712*$AN$569)
715	=(AO709*AO676)	=(AP709*AP676)
716	=($AN$562*2*$AN$584*$AN$573)	=($AN$562*2*$AN$584*$AN$573)
717	=(AO709+AO710+AO712-AO713-AO714-AO715-AO716)	=(AP709+AP710+AP712-AP713-AP714-AP715-AP716)
718	=(AO717*AO679)	=(AP717*AP679)
719	=IF($AN$562>0.999,AO718,AO718+AO694-AO695+AO686-AO687+AO702-AO703+AO710-AO711)	=(AP686+AP694+AP702+AP710+AP718)
720	=(AO717*AO$678)	=(AP717*AP$678)
721	=($CP$54*AO719)	=(AP719)*AN$570
722	=(AO720*$AN$569)	=(AP720*$AN$569)
723	=(AO717*AO676)	=(AP717*AP676)
724	=($AN$562*2*$AN$584*$AN$573)	=($AN$562*2*$AN$584*$AN$573)
725	=(AO717+AO718+AO720-AO721-AO722-AO723-AO724)	=(AP717+AP718+AP720-AP721-AP722-AP723-AP724)

APPENDIX A - Continued
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	AQ	AR
676	=($AN$582+$AN$583)	=($AN$582+$AN$583)
677	=(AQ679+AQ678)	=(AR679+AR678)
678	=(AO678)	=(AP678)
679	=($AN$577-AQ678)	=(AR857)
680	=($AN$576)	=($AN$576)
681		
682		
683	=($AN$573*$B$2)	=($AN$573*$B$2)
684	=(AQ683-(AQ683-AQ680)*$CP$56)	=(AR683-(AR683-AR680)*$CP$56)
685		
686	=(C695+C696)	=(I695+I696)
687	=(C698+C699)	=(I698)
688	=($C$693/12)*$CP$55*AQ683+((12-$C$693)/12)*$AN$595*($C694-(C698*AN570))	=(AQ688)
689	=($AN$570*C698)+(CP54*C699)	=($AN$570*AR687)
690	=(AQ688*$AN$569)	=(AR688*$AN$569)
691	=(AQ683*AQ676)	=(AR683*AR676)
692	=($AN$573*2*$AN$584)	0
693	=(AQ683+AQ686+AQ688-AQ689-AQ690-AQ691-AQ692)	=(AR683+AR686+AR688-AR689-AR690-AR691-AR692)
694	=(AQ693*AQ679)	=(AR693*AR679)
695	=IF($AN$562>0.999,AQ694,$AN$562*(AQ694+C696-C699))	0
696	=(AQ678)*AQ693	=(AR678)*AR693
697	=($CP$54*AQ695)	0
698	=(AQ696*$AN$569)	=(AR696*$AN$569)
699	=(AQ693*AQ676)	=(AR693*AR676)
700	=($AN$562*2*$AN$584*$AN$573)	0
701	=(AQ693+AQ694+AQ696-AQ697-AQ698-AQ699-AQ700)	=(AR693+AR694+AR696-AR697-AR698-AR699-AR700)
702	=(AQ701*AQ679)	=(AR701*AR679)
703	=IF($AN$562>0.999,AQ702,$AN$562*(AQ702+AQ694+C696-AQ695-C699))	0
704	=(AQ701*AQ$678)	=(AR701*AR$678)
705	=($CP$54*AQ703)	0
706	=(AQ704*$AN$569)	=(AR704*$AN$569)
707	=(AQ701*AQ676)	=(AR701*AR676)

APPENDIX A - Continued
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	AQ	AR
708	=($AN$562*2*$AN$584*$AN$573)	0
709	=(AQ701+AQ702+AQ704-AQ705-AQ706-AQ707-AQ708)	=(AR701+AR702+AR704-AR705-AR706-AR707-AR708)
710	=(AQ709*AQ679)	=(AR709*AR679)
711	=IF($AN$562>0.999,AQ710,$AN$562*(AQ710+AQ702+AQ694+C696-AQ703-AQ695-C699))	0
712	=(AQ709*AQ$678)	=(AR709*AR$678)
713	=($CP$54*AQ711)	0
714	=(AQ712*$AN$569)	=(AR712*$AN$569)
715	=(AQ709*AQ676)	=(AR709*AR676)
716	=($AN$562*2*$AN$584*$AN$573)	0
717	=(AQ709+AQ710+AQ712-AQ713-AQ714-AQ715-AQ716)	=(AR709+AR710+AR712-AR713-AR714-AR715-AR716)
718	=(AQ717*AQ679)	=(AR717*AR679)
719	=IF($AN$562>0.999,AQ718,(AQ718+AQ710+AQ702+AQ694+C696-AQ711-AQ703-AQ695-C699))	=(AR686+AR694+AR702+AR710+AR718)
720	=(AQ717*AQ$678)	=(AR717*AR$678)
721	=($CP$54*AQ719)	=(AR719)*AN$570
722	=(AQ720*$AN$569)	=(AR720*$AN$569)
723	=(AQ717*AQ676)	=(AR717*AR676)
724	=($AN$562*2*$AN$584*$AN$573)	0
725	=(AQ717+AQ718+AQ720-AQ721-AQ722-AQ723-AQ724)	=(AR717+AR718+AR720-AR721-AR722-AR723-AR724)

CLAIMS

WHAT IS CLAIMED IS:

1. A computerized method for optimizing investments on a lot-by-lot basis, the method comprising the steps of:

receiving tax and investment data corresponding to a plurality of individual lots of investments, including taxable lots and derivative rights, and receiving either user-customized investment expectations or financial adviser-based investment expectations at a processor;

performing comparative pro-forma tax sensitivity analysis of the tax and investment data and the analyzed investment expectations on a lot-by-lot basis using the predetermined software program executed by the processor; and

determining and outputting from the processor to an output device a set of financial investment data, including money valuations, representing an optimal after-tax investment strategy path from a plurality of investment strategy paths over the dynamic taxation time range using the predetermined software program to optimize the after-tax proceeds on a lot-by-lot basis from the plurality of investment strategies, wherein the outputted optimal after-tax investment strategy path advises a user of optimal investments to be made, including investments involving taxable lots and derivative rights.

2. The computerized method of claim 1, wherein the predetermined software program is a spreadsheet program.

3. The computerized method of claim 2, wherein the comparative pro-forma tax sensitivity analysis and the determination of the optimal after-tax investment strategy path are performed by a plurality of predetermined formula executed by the spreadsheet program.

4. The computerized method of claim 3, wherein the spreadsheet program is a "LOTUS 1-2-3"-based spreadsheet program available from "LOTUS CORPORATION".

5. The computerized method of claim 1, wherein the step of receiving tax and investment data, user-customized investment expectations, and financial adviser-based investment expectations includes the step of:

receiving the tax and investment data, the user-customized investment expectations, and the financial adviser-based expectations at the processor through an input window displayed on a user interface.

6. The computerized method of claim 5, wherein the software program includes a spreadsheet program for generating a spreadsheet grid including a plurality of cells on the user interface; and

wherein the tax and investment data, the user-customized investment expectations, and the financial adviser-based expectations are received by the processor through data entry into predetermined cells of the spreadsheet grid.

7. The computerized method of claim 5, wherein the software program includes a graphic user interface (GUI) program for generating at least one data entry window as the input window.

8. The computerized method of claim 5, wherein the software program includes a browser for generating at least one network-based data entry window as the input window.

9. The computerized method of claim 5, wherein the processor includes a computation server for performing the comparative pro-forma tax sensitivity analysis and the determination of the optimal after-tax investment strategy path.

10. The computerized method of claim 9, wherein the user interface includes a browser for interfacing with the computation server through the Internet.

11. The computerized method of claim 9, wherein the user interface includes a browser for interfacing with the computation server through an intranet.

12. A system for optimizing after-tax proceeds of a plurality of investments on a lot-by-lot basis, the system comprising:

a user interface for receiving tax and investment data corresponding to a plurality of individual lots of investments, including taxable lots and derivative rights, and receiving either user-customized investment expectations or financial adviser-based investment expectations; and

a processor executing a predetermined software program for processing the tax and investment data and either the user-customized investment expectations or the financial adviser-based investment expectations; for performing comparative pro-forma tax sensitivity analysis of the tax and investment data and the investment expectations on a lot-by-lot basis using the predetermined software program; and for determining and outputting from the processor to an output device a set of financial investment data, including money valuations, representing an optimal after-tax investment strategy path from a plurality of investment strategy paths over the dynamic taxation time range using the predetermined software program to optimize the after-tax proceeds on a lot-by-lot basis from the plurality of investment strategies, wherein the outputted optimal after-tax investment strategy

path advises a user of optimal investments to be made, including investments involving taxable lots and derivative rights.

13. The system of claim 12, wherein the predetermined software program is a spreadsheet program.

14. The system of claim 13, wherein the comparative pro-forma tax sensitivity analysis and the determination of the optimal after-tax investment strategy path are performed by a plurality of predetermined formula executed by the spreadsheet program.

15. The system of claim 14, wherein the spreadsheet program is a "LOTUS 1-2-3"-based spreadsheet program available from "LOTUS CORPORATION".

16. The system of claim 12, wherein the step of receiving tax and investment data, user-customized investment expectations, and financial adviser-based investment expectations includes the step of:

receiving the tax and investment data, the user-customized investment expectations, and the financial adviser-based expectations at the processor through an input window displayed on a user interface.

17. The system of claim 16, wherein the software program includes a spreadsheet program for generating a spreadsheet grid including a plurality of cells on the user interface; and

wherein the tax and investment data, the user-customized investment expectations, and the financial adviser-based expectations are received by the processor through data entry into predetermined cells of the spreadsheet grid.

18. The system of claim 16, wherein the software program includes a browser for generating at least one network-based data entry window as the input window.

19. The system of claim 16, wherein the processor includes a computation server for performing the comparative pro-forma tax sensitivity analysis and the determination of the optimal after-tax investment strategy path.

20. The system of claim 19, wherein the user interface includes a browser for interfacing with the computation server through the Internet.

21. A system for optimizing after-tax proceeds of a plurality of investments on a lot-by-lot basis, the system comprising:

a user interface for receiving tax and investment data corresponding to a plurality of individual lots of investments, including taxable lots and derivative rights, and receiving either user-customized investment expectations or financial adviser-based investment expectations; and

a processor executing a software program and including:

means for processing the tax and investment data and either the user-customized investment expectations or the financial adviser-based investment expectations;

means for performing comparative pro-forma tax sensitivity analysis of the tax and investment data and the investment expectations on a lot-by-lot basis using the predetermined software program; and

means for determining and outputting from the processor to an output device a set of financial investment data, including money valuations, representing an optimal after-tax investment strategy path from a plurality of investment strategy paths over the dynamic taxation time range using the predetermined software program to optimize the after-tax proceeds on a lot-by-lot basis from the plurality of investment strategies, wherein the outputted optimal after-tax investment strategy path advises a user of optimal investments to be made, including taxable lots and derivative rights.

22. The system of claim 21, wherein the software program includes a spreadsheet program for executing a plurality of predetermined formula implementing the processing means, the performing means, and the determining means of the processor.

23. A computer-readable medium for use in a computer to optimize after-tax proceeds of investments on a lot-by-lot basis, the computer read-able medium storing a predetermined software program implementing a method comprising the steps of:

receiving tax and investment data corresponding to a plurality of individual lots of investments, including taxable lots and derivative rights, and receiving either user-customized investment expectations or financial adviser-based investment expectations at a processor of the computer;

performing comparative pro-forma tax sensitivity analysis of the tax and investment data and the investment expectations on a lot-by-lot basis using the predetermined software program executed by the processor; and

determining and outputting from the processor to an output device a set of financial investment data, including money valuations, representing an optimal after-tax investment strategy path from a plurality of investment strategy paths over the dynamic taxation time range using the predetermined software program to optimize the after-tax proceeds on a lot-by-lot basis from the plurality of investment strategies, wherein the outputted optimal after-tax investment strategy path advises a user of optimal investments to be made, including investments involving taxable lots and derivative rights.

24. The computer-readable medium of claim 23, wherein the predetermined software program is a spreadsheet program.

25. The computer-readable medium of claim 24, wherein the comparative pro-forma tax sensitivity analysis and the determination of the optimal after-tax investment strategy path are performed by a plurality of predetermined formula executed by the spreadsheet program.

26. The computer-readable medium of claim 25, wherein the spreadsheet program is a "LOTUS 1-2-3"-based spreadsheet program available from "LOTUS CORPORATION".

27. The computerized method claim 1, wherein the plurality of lots of investments include bonds.

28. The system of claim 12, wherein the plurality of lots of investments include bonds.

29. The system of claim 21, wherein the plurality of lots of investments include bonds.

30. The computer-readable medium of claim 23, wherein the plurality of lots of investments include bonds.

ABSTRACT

A computerized system and method process financial securities and instruments, including options, derivatives, and bonds, to accurately determine and optimize the after-tax proceeds an investor could expect to have at the end of a holding period for each of a set of investment strategies and determines an optimal strategy for maximizing such after-tax proceeds. The computerized system and method receive tax and investment data, user-customized investment expectations, and financial adviser-based investment expectations at a processor; perform tax loss harvesting analysis on the user-customized investment expectations and the financial adviser-based investment expectations over a dynamic taxation time range using a predetermined software program; perform comparative pro-forma tax sensitivity analysis of the tax and investment data and the analyzed investment expectations using the predetermined software program; and determine and output an optimal after-tax investment strategy path from a plurality of investment strategy paths over the dynamic taxation time range using the predetermined software program to optimize the after-tax proceeds from the plurality of investment strategies. The predetermined software program may include a spreadsheet program.

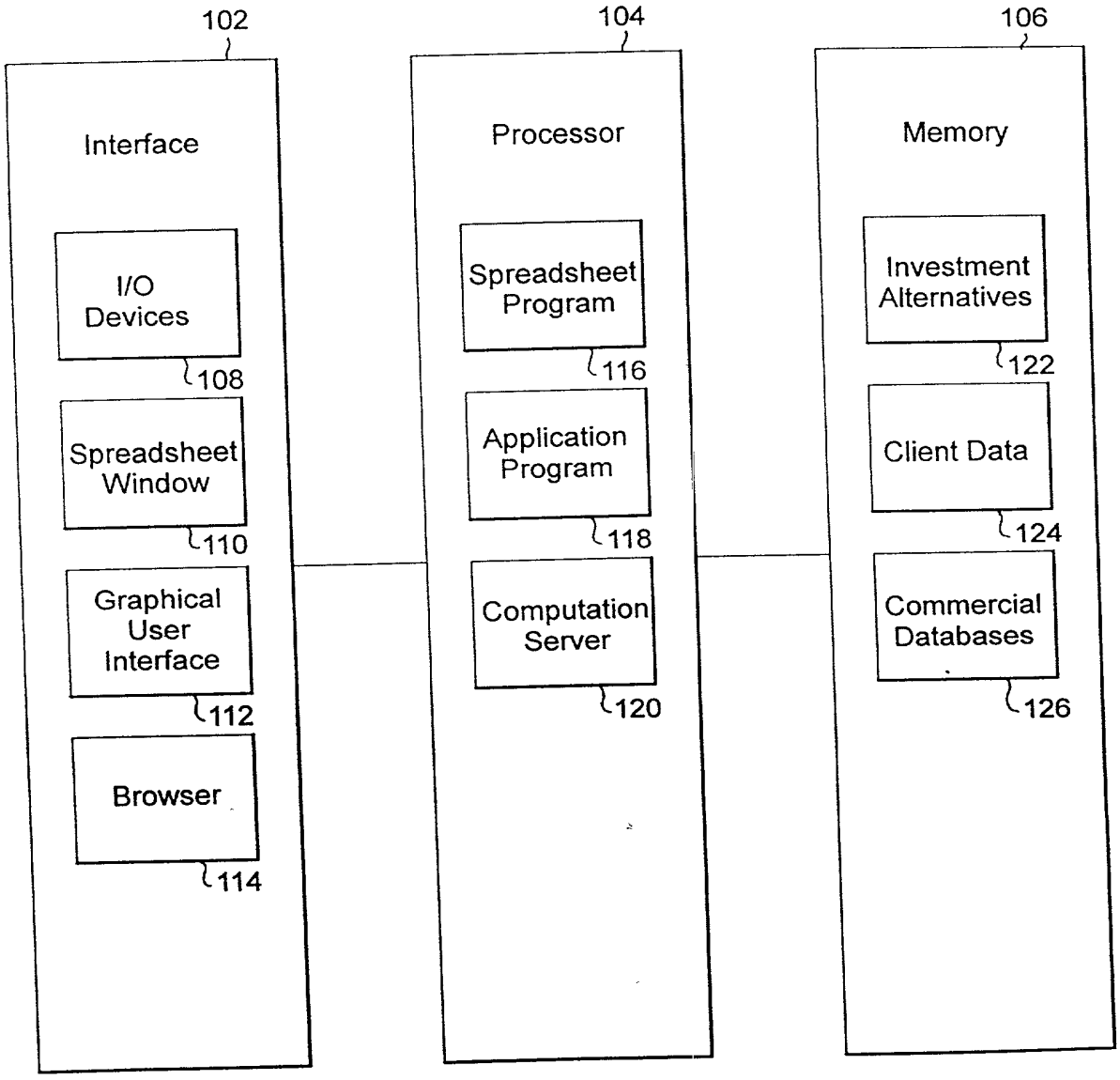
100
102
Interface
I/O Devices
108
Spreadsheet Window
110
Graphical User Interface
112
Browser
114
104
Processor
Spreadsheet Program
116
Application Program
118
Computation Server
120
106
Memory
Investment Alternatives
122
Client Data
124
Commercial Databases
126

FIG. 1

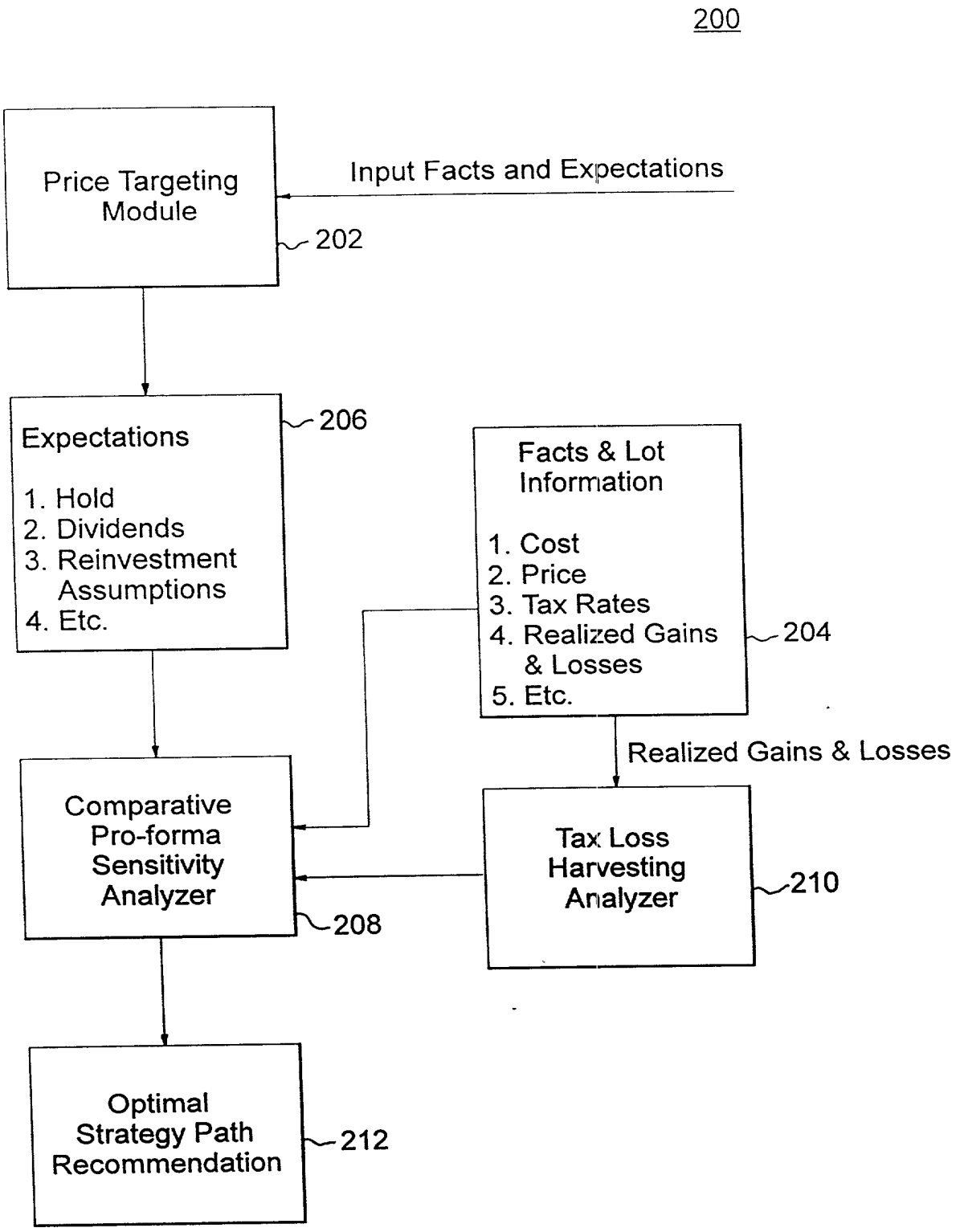
200
Price Targeting Module
Input Facts and Expectations
202
Expectations
1. Hold
2. Dividends
3. Reinvestment Assumptions
4. Etc.
206
Facts & Lot Information
1. Cost
2. Price
3. Tax Rates
4. Realized Gains & Losses
5. Etc.
204
Realized Gains & Losses
Comparative Pro-forma Sensitivity Analyzer
208
Tax Loss Harvesting Analyzer
210
Optimal Strategy Path Recommendation
212

FIG. 2

A	AK	AL	AM	AN	AO	AP
549	CLIENT INPUT CUSTOMIZATION WINDOW					
550						
551	DRG TAX ANALYSIS FOR			SUBJECTIVITY ASSUMPTIONS		
552	COCA-COLA COMPANY			DRG		CLIENT
553	01:37 PM	01-Feb		SYSTEM		CUSTOM
554	INPUTS			DEFAULTS		ASSUMPTIONS
555						
556	COMPANY GENERAL INPUTS					
557	CURRENT PRICE			$65.56		$65.56
558	EARNINGS BASE			$1.63		$1.63
559	FIVE YEAR EARNINGS GROWTH RATE			16.0%		16.0%
560	LONG TERM P.E. TARGET			27.0		27.0
561	FIVE YEAR PRICE TARGET			$92.39		$92.39
562	PORTFOLIO TURNOVER			50%		50%
563						
564						
565	CURRENT HIGHEST JUSTIFIABLE PRICE			$64.71		$64.71
566	SUPPORTABLE DIVIDEND YIELD			0.9%		0.9%
567	DIVIDEND GROWTH RATE ASSUMPTION			10.0%		10.0%
568	SHORT TERM REALIZED GAINS			$0		$0
569	MARGINAL ORDINARY TAX RATE			39.6%		39.6%
570	12 MONTH CAPITAL GAINS TAX RATE			20.0%		20.0%
571	LONG TERM REALIZED GAINS			$0		$0
572	OTHER INCOME OFFSET AVAIL.			$3,000		$3,000
573	NUMBER OF SHARES			100		100
574	NON-ADJUSTED TOTAL COST OF LOT			$4,500		$4,500
575	MONTHS UNTIL LOWEST TAX BRACKET			1		1
576	ADJUSTED TOTAL COST OF LOT			$4,500		$4,500
577	MIN BEF TAX ACTIVE REINVESTMENT ASSUMPTION			11.3%		11.3%
578	S&P DIVIDEND ASSUMPTION			1.8%		1.8%
579	S&P EARNINGS&DIV GROWTH ASSUMPTION			9%		9%
580	S&P LONG TERM PE ASSUMPTION			19.1		19.1
581						
582	ANNUAL ADVISOR FEE			1.0%		1.0%
583	BROKERAGE ANNUAL WRAP FEE			1.0%		1.0%
584	BROKERAGE CENTS/SHARE			$0.00		$0.00

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FIG. 3A

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A	CM	CN	CO	CP	CQ	CR
1	DYNAMIC TAX LOGIC WEBSITE SUPPORT DOCUMENT		CM1..CS283			
2	INVESTMENT WORKSTATION IV INPUT/OUTPUT DETAIL		LOC.	OUTPUT	RANGE NAME	
3	(DTL INPUT/OUTPUT DISPLAYS AK547..AQ647)(ADVANCED ANAL. DISPLAYS CM284..CS398)					
4	DCM FACT SETS (OVERWRITE DCM FACTS W/CUSTOMER FACTS)					
5	DCM ANNUAL ADVISOR FEE		AN582		DCM_ADV_FEE	
6	DCM BROKERAGE ANNUAL WRAP FEE		AN583		DCM_WRAP_FEE	
7	DCM BROKERAGE CENTS/SHARE		AN584		DCM_CENTS_SH	
8	DCM SHORT TERM TAX RATE		AN569		DCM_MARG_RATE	
9	DCM LONG TERM TAX RATE		AN570		DCM_LT_RATE	
10	DCM NUMBER OF SHARES		AN573		DCM_SHARES	
11	DCM COST OF LOT		AN574		DCM_LOT_COST	
12	DCM MONTHS UNTIL LONG TERM		AN575		DCM_MONTHS	
13	DCM SHORT TERM REALIZED CAPITAL GAINS/LOSSES		AN568		DCM_ST_LOSS	
14	DCM LONG TERM REALIZED CAPITAL GAINS/LOSSES		AN571		DCM_LT_LOSS	
15	DCM OTHER INCOME OFFEST AVAILABLE		AN572		DCM_OFFSET	
16	CUSTOMER FACT SETS					
17	CUSTOMER ANNUAL ADVISOR FEE		AP582		CUST_ADV_FEE	
18	CUSTOMER BROKERAGE ANNUAL WRAP FEE		AP583		CUST_WRAP_FEE	
19	CUSTOMER BROKERAGE CENTS/SHARE		AP584		CUST_CENTS_SH	
20	CUSTOMER SHORT TERM TAX RATE		AP569		CUST_MARG_RATE	
21	CUSTOMER LONG TERM TAX RATE		AP570		CUST_LT_RATE	
22	CUSTOMER NUMBER OF SHARES		AP573		CUST_SHARES	
23	CUSTOMER COST OF LOT		AP574		CUST_LOT_COST	
24	CUSTOMER MONTHS UNTIL LONG TERM		AP575		CUST_MONTHS	
25	CUSTOMER SHORT TERM REALIZED CAPITAL GAINS/LOSSES		AP568		CUST_ST_LOSS	
26	CUSTOMER LONG TERM REALIZED CAPITAL GAINS/LOSSES		AP571		CUST_LT_LOSS	
27	CUST OTHER INCOME OFFEST AVAILABLE		AP572		CUST_OFFSET	

A A

FIG. 3B

A A

28	CUSTOMER EXPECTATION INPUTS					
29	CUSTOMER PRICE		AP557		CUST_PRICE	
30	CUSTOMER EARNINGS BASE		AP558		CUST_E_BASE	
31	CUSTOMER 5 YR GROWTH RATE		AP559		CUST_E_GROW	
32	CUSTOMER L.T. PE. TARGET		AP560		CUST_PE_TARG	
33	CUSTOMER PRICE TARGETING CODE		AQ561		CUST_PTARG	CODE
34	CUSTOMER PRICE BASED TARGET (IF APPLICABLE)		AR561		CUST_STATIC	TAR
35	CUSTOMER PORTFOLIO TURNOVER		AP562		CUST_TURNOVER	
36	CUSTOMER CURRENT HIGHEST JUSTIFIABLE PRICE		AP565		CUST_HIGHEST_P	
37	CUSTOMER SUPPORTABLE DIVIDEND YIELD		AP566		CUST_SUP_STK	DIV
38	CUSTOMER DIVIDEND GROWTH RATE		AP567		CUST_DIV_GROW	
39	CUSTOMER BEFORE TAX REINVESTMENT RATE ASSUMPTION		AP577		CUST_REINVEST	
40	CUSTOMER S&P DIVIDEND ASSUMPTION		AP578		CUST_SP_DIV	
41	CUSTOMER S&P EARNINGS GROWTH RATE ASSUMPTION		AP579		CUST_SP_GROW	
42	CUSTOMER S&P LONG TERM P.E. ASSUMPTION		AP580		CUST_SP_PE	
43						
44	DCM LOT ANALYSIS RESULTS OUTPUT					
45	DCM FIVE YEAR TARGET PRICE		CP45	$92.39	DCM_5YR_PRICE	
46	DCM NEW PURCHASE 5 YEAR NON-TAXABLE RETURN POTENTIAL		CP46	8.1%	DCM_NT_RET	POT
47	DCM NEW PURCHASE 5 YEAR AFTER TAX RETURN POTENTIAL		CP47	4.4%	DCM_AT_RET	POT
48	DCM EXISTING LOT 5 YR AFTER TAX RETURN POTENTIAL		CP48	6.1%	DCM_LOT_AT	RET
49	DCM S&P 5 YR CAPITAL APPRECIATION POTENTIAL		CP49	5.5%	DCM_SP_CAP	AP
50	DCM COST PER SHARE		CP50	$45.00	DCM_COST_SHARE	
51	DCM SIMPLE RETURN		CP51	46%	DCM_SIMPLE_RET	
52	DCM CURRENT MARKET VALUE		CP52	$6,556	DCM_CUR_MKT	VAL
53	DCM CURRENT MARKET VALUE (AFTER TAX)		CP53	$5,742	DCM_CUR_AT_	VAL
54	DCM EFFECTIVE CAPITAL GAINS TAX RATE		CP54	20%	DCM_EFFTAXRATE	
55	DCM STOCK SUPPORTABLE DIVIDEND YIELD		CP55	0.9%	DCM_STK_DIV	YLD

FIG. 3C

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A	CM	CN	CO	CP	CQ	CR
56	DCM CURRENT STOCK CAPITAL GAINS TAX RATE		CP56	39.6%	DCM_CURCAP	RATE
57	DCM THREE YEAR HORIZON OPTIMIZING RECOMMENDATION		CP57	SELL LON	DCM_3YR_REC	
58	DCM FOUR YEAR HORIZON OPTIMIZING RECOMMENDATION		CP58	SELL LON	DCM_4YR_REC	
59	DCM FIVE YEAR HORIZON OPTIMIZING RECOMMENDATION		CP59	SELL LON	DCM_5YR_REC	
60	DCM 3YR NEW PURCHASE AFTER-TAX VALUE		CP60	$7,459	DCM_3YRNEW	VAL
61	DCM 4YR NEW PURCHASE AFTER-TAX VALUE		CP61	$7,810	DCM_4YRNEW	VAL
62	DCM 5YR NEW PURCHASE AFTER-TAX VALUE		CP62	$8,114	DCM_5YRNEW	VAL
63	DCM 3YR HOLD AFTER_TAX VALUE		CP63	$7,048	DCM_3YRHOLD	VAL
64	DCM 4YR HOLD AFTER_TAX VALUE		CP64	$7,399	DCM_4YRHOLD	VAL
65	DCM 5YR HOLD AFTER_TAX VALUE		CP65	$7,703	DCM_5YRHOLD	VAL
66	DCM 3YR SELL NOW ACTIVE AFTER_TAX VALUE		CP66	$6,552	DCM_3YR_SN	ACTV
67	DCM 4YR SELL NOW ACTIVE AFTER_TAX VALUE		CP67	$7,037	DCM_4YR_SN	ACTV
68	DCM 5YR SELL NOW ACTIVE AFTER_TAX VALUE		CP68	$7,880	DCM_5YR_SN	ACTV
69	DCM 3YR SELL NOW PASSIVE AFTER_TAX VALUE		CP69	$5,864	DCM_3YR_SN	PASV
70	DCM 4YR SELL NOW PASSIVE AFTER_TAX VALUE		CP70	$6,054	DCM_4YR_SN	PASV
71	DCM 5YR SELL NOW PASSIVE AFTER_TAX VALUE		CP71	$6,848	DCM_5YR_SN	PASV
72	DCM 3YR SELL LONG TERM ACTIVE AFTER_TAX VALUE		CP72	$7,467	DCM_3YR_SL	ACTV
73	DCM 4YR SELL LONG TERM ACTIVE AFTER_TAX VALUE		CP73	$7,998	DCM_4YR_SL	ACTV
74	DCM 5YR SELL LONG TERM ACTIVE AFTER_TAX VALUE		CP74	$8,433	DCM_5YR_SL	ACTV
75	DCM 3YR SELL LONG TERM PASSIVE AFTER_TAX VALUE		CP75	$6,685	DCM_3YR_SL	PASV
76	DCM 4YR SELL LONG TERM PASSIVE AFTER_TAX VALUE		CP76	$6,895	DCM_4YR_SL	PASV
77	DCM 5YR SELL LONG TERM PASSIVE AFTER_TAX VALUE		CP77	$7,266	DCM_5YR_SL	PASV
78	DCM MAXIMUM 3YR STRATEGY VALUE		CP78	$7,467	DCM_3YR_MAX	VAL
79	DCM MAXIMUM 4YR STRATEGY VALUE		CP79	$7,998	DCM_4YR_MAX	VAL
80	DCM MAXIMUM 5YR STRATEGY VALUE		CP80	$8,433	DCM_5YR_MAX	VAL
81	DCM PRICE		CP81	65.56	DCM_STOCK_	PRICE
82	DCM EARNINGS BASE		CP82	$1.63	DCM_E_BASE	

A A

FIG. 3D

A A

83	DCM 5 YR GROWTH RATE		CP83	16.0%	DCM_E_GROW	
84	DCM L.T. PE. TARGET		CP84	27.0	DCM_PE_TARG	
85	DCM PORTFOLIO TURNOVER		CP85	50%	DCM_TURNOVER	
86	DCM CURRENT HIGHEST JUSTIFIABLE PRICE		CP86	$64.71	DCM_HIGHEST_P	
87	DCM SUPPORTABLE DIVIDEND YIELD		CP87	0.9%	R_SUP_DIV	
88	DCM DIVIDEND GROWTH RATE		CP88	10.0%	DCM_DIV_GROW	
89	DCM BEFORE TAX REINVESTMENT RATE ASSUMPTION		CP89	11.3%	DCM_REINVEST	
90	DCM S&P DIVIDEND ASSUMPTION		CP90	1.8%	DCM_SP_DIV	
91	DCM S&P EARNINGS GROWTH RATE ASSUMPTION		CP91	9.0%	DCM_SP_GROW	
92	DCM S&P LONG TERM P.E. ASSUMPTION		CP92	19.1	DCM_SP_PE	
93	DCM DAY 365 AFTER TAX VALUE		CP93	$5,765	DCM_D365_ATVAL	
94	DCM DAY 366 AFTER TAX VALUE		CP94	$6,175	DCM_D366_ATVAL	
95	DCM 3YR TAX LOSS HARVEST SHARES/MATCHING OFFSET		CP95	0	DCM_TLH_3MATSH	
96	DCM 3YR TAX LOSS HARVEST SHARES/ALTERNATE OFFSET		CP96	0	DCM_TLH_3ALTSH	
97	DCM 4YR TAX LOSS HARVEST SHARES/MATCHING OFFSET		CP97	0	DCM_TLH_4MATSH	
98	DCM 4YR TAX LOSS HARVEST SHARES/ALTERNATE OFFSET		CP98	0	DCM_TLH_4ALTSH	
99	DCM 5YR TAX LOSS HARVEST SHARES/MATCHING OFFSET		CP99	0	DCM_TLH_5MATSH	
100	DCM 5YR TAX LOSS HARVEST SHARES/ALTERNATE OFFSET		CP100	0	DCM_TLH_5ALTSH	
101						
102						
103						
104						
105						
106						
107						
108						
109						
110	CUSTOMER LOT ANALYSIS RESULTS OUTPUT					

FIG. 3E

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A	CM	CN	CO	CP	CQ	CR
111	CUST FIVE YEAR TARGET PRICE		CP111	$92.39	CUST5YR_PRICE	
112	CUST NEW PURCHASE 5 YEAR NON-TAXABLE RETURN POTENTIAL		CP112	8.1%	CUSTNT_RET_POT	
113	CUST NEW PURCHASE 5 YEAR AFTER TAX RETURN POTENTIAL		CP113	4.4%	CUSTAT_RET_POT	
114	CUST EXISTING LOT 5 YR AFTER TAX RETURN POTENTIAL		CP114	6.1%	CUSTLOT_AT_RET	
115	CUST S&P 5 YR CAPITAL APPRECIATION POTENTIAL		CP115	5.5%	CUSTSP_CAP_AP	
116	CUST COST PER SHARE		CP116	$45.00	CUSTCOST_SHARE	
117	CUST SIMPLE RETURN		CP117	46%	CUSTSIMPLE_RET	
118	CUST CURRENT MARKET VALUE		CP118	$6,556	CUSTCUR_MKTVAL	
119	CUST CURRENT MARKET VALUE (AFTER TAX)		CP119	$5,742	CUSTCUR_AT_VAL	
120	CUST EFFECTIVE CAPITAL GAINS TAX RATE		CP120	20%	CUSTEFFTAXRATE	
121	CUST STOCK SUPPORTABLE DIVIDEND YIELD		CP121	0.9%	CUSTSTK_DIVYLD	
122	CUST CURRENT STOCK CAPITAL GAINS TAX RATE		CP122	39.6%	CUSTCURCAPRATE	
123	CUST THREE YEAR HORIZON OPTIMIZING RECOMMENDATION		CP123	SELL LON	CUST3YR_REC	
124	CUST FOUR YEAR HORIZON OPTIMIZING RECOMMENDATION		CP124	SELL LON	CUST4YR_REC	
125	CUST FIVE YEAR HORIZON OPTIMIZING RECOMMENDATION		CP125	SELL LON	CUST5YR_REC	
126	CUST 3YR NEW PURCHASE AFTER-TAX VALUE		CP126	$7,459	CUST3YRNEW_VAL	
127	CUST 4YR NEW PURCHASE AFTER-TAX VALUE		CP127	$7,810	CUST4YRNEW_VAL	
128	CUST 5YR NEW PURCHASE AFTER-TAX VALUE		CP128	$8,114	CUST5YRNEW_VAL	
129	CUST 3YR HOLD AFTER_TAX VALUE		CP129	$7,048	CUST3YRHOLD_VAL	
130	CUST 4YR HOLD AFTER_TAX VALUE		CP130	$7,399	CUST4YRHOLD_VAL	
131	CUST 5YR HOLD AFTER_TAX VALUE		CP131	$7,703	CUST5YRHOLD_VAL	
132	CUST 3YR SELL NOW ACTIVE AFTER_TAX VALUE		CP132	$6,552	CUST3YR_SN_ACTV	
133	CUST 4YR SELL NOW ACTIVE AFTER_TAX VALUE		CP133	$7,037	CUST4YR_SN_ACTV	
134	CUST 5YR SELL NOW ACTIVE AFTER_TAX VALUE		CP134	$7,880	CUST5YR_SN_ACTV	
135	CUST 3YR SELL NOW PASSIVE AFTER_TAX VALUE		CP135	$5,864	CUST3YR_SN_PASV	
136	CUST 4YR SELL NOW PASSIVE AFTER_TAX VALUE		CP136	$6,054	CUST4YR_SN_PASV	

A A

FIG. 3F

137	CUST 5YR SELL NOW PASSIVE AFTER_TAX VALUE		CP137	$6,848	CUST5YR_SN_PASV
138	CUST 3YR SELL LONG TERM ACTIVE AFTER_TAX VALUE		CP138	$7,467	CUST3YR_SL_ACTV
139	CUST 4YR SELL LONG TERM ACTIVE AFTER_TAX VALUE		CP139	$7,998	CUST4YR_SL_ACTV
140	CUST 5YR SELL LONG TERM ACTIVE AFTER_TAX VALUE		CP140	$8,433	CUST5YR_SL_ACTV
141	CUST 3YR SELL LONG TERM PASSIVE AFTER_TAX VALUE		CP141	$6,685	CUST3YR_SL_PASV
142	CUST 4YR SELL LONG TERM PASSIVE AFTER_TAX VALUE		CP142	$6,895	CUST4YR_SL_PASV
143	CUST 5YR SELL LONG TERM PASSIVE AFTER_TAX VALUE		CP143	$7,266	CUST5YR_SL_PASV
144	CUST MAXIMUM 3YR STRATEGY VALUE		CP144	$7,467	CUST3YR_MAXVAL
145	CUST MAXIMUM 4YR STRATEGY VALUE		CP145	$7,998	CUST4YR_MAXVAL
146	CUST MAXIMUM 5YR STRATEGY VALUE		CP146	$8,433	CUST5YR_MAXVAL
147	BUY/SELL SREEN CUSTOMER RESULTS OUTPUTS				
148	NON-TAXABLE THREE YEAR HOLD RETURN		CP148	2.8%	BS_3YR_NT_RET
149	NON-TAXABLE FOUR YEAR HOLD RETURN		CP149	3.5%	BS_4YR_NT_RET
150	NON-TAXABLE FIVE YEAR HOLD RETURN		CP150	6.0%	BS_5YR_NT_RET
151	TAXABLE THREE YEAR HOLD RETURN		CP151	7.1%	BS_3YR_T_RET
152	TAXABLE FOUR YEAR HOLD RETURN		CP152	6.5%	BS_4YR_T_RET
153	TAXABLE FIVE YEAR HOLD RETURN		CP153	6.1%	BS_5YR_T_RET
154	CUSTOMER DAY 365 AFTER TAX VALUE		CP154	$5,765	CUST_D365_ATVAL
155	CUSTOMER DAY 366 AFTER TAX VALUE		CP155	$6,175	CUST_D366_ATVAL
156	CUST 3YR TAX LOSS HARVEST SHARES/MATCHING OFFSET		CP156	0	CUST_TLH_3MATSH
157	CUST 3YR TAX LOSS HARVEST SHARES/ALTERNATE OFFSET		CP157	0	CUST_TLH_3ALTSH
158	CUST 4YR TAX LOSS HARVEST SHARES/MATCHING OFFSET		CP158	0	CUST_TLH_4MATSH
159	CUST 4YR TAX LOSS HARVEST SHARES/ALTERNATE OFFSET		CP159	0	CUST_TLH_4ALTSH
160	CUST 5YR TAX LOSS HARVEST SHARES/MATCHING OFFSET		CP160	0	CUST_TLH_5MATSH
161	CUST 5YR TAX LOSS HARVEST SHARES/ALTERNATE OFFSET		CP161	0	CUST_TLH_5ALTSH
162					

FIG. 3G

A	A	B	C	D	E	F
690	DCM SELL LONG TERM REINVEST ACTIVE			CUST SELL LONG TERM REINVEST ACTIVE		
691	FIRST YEAR			FIRST YEAR		
692	COST		$4,500	COST		$4,500
693	MO. OWNED YR 1		1	M.T. OWNED YR 1		1
694	LONG TERM WINDOW MKT VALUE		$6,594	LONG TERM WINDOW MKT V		$6,594
695	HOLD CAP APP UNTIL L.T. WINDOW		$38	HOLD CAP APP UNTIL L.T. WI		$38
696	REINVEST CAP APP. YR 1		$536	REINVEST CAP APP. YR 1		$536
697	CURR. MO.		0.6%	CURR. MO.		0.6%
698	SELL AT L.T. TAXABLE GAIN		$2,094	SELL AT L.T. TAXABLE GAIN		$2,094
699	TAXABLE REINVEST GAINS		$268	TAXABLE REINVEST GAINS		$268
700	DAY 365 AFTER TAX VALUE		$5,765	DAY 365 AFTER TAX VALUE		$5,765
701	DAY 366 AFTER TAX VALUE		$6,175	DAY 366 AFTER TAX VALUE		$6,175

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FIG. 4A

A	G	H	I	J	K	L	M
690	DCM SELL LONG TERM REINVEST PASSIVE			CUST SELL LONG TERM REINVEST PASSIVE			
691	FIRST YEAR			FIRST YEAR			
692	COST		$4,500	COST		$4,500	
693	MO. OWNED YR 1		1	MO. OWNED YR 1		1	
694	LONG TERM WINDOW MKT VAL		$6,594	LONG TERM WINDOW MKT V		$6,594	
695	HOLD CAP APP UNTIL L.T. WIND		$38	HOLD CAP APP UNTIL L.T. WI		$38	
696	REINVEST CAP APP. YR 1		$314	REINVEST CAP APP. YR 1		$314	
697	CURR. MO.		0.6%	CURR. MO.		0.6%	
698	SELL AT L.T. TAXABLE GAIN		$2,094	SELL AT L.T. TAXABLE GAIN		$2,094	
699	TAXABLE REINVEST GAINS		$0	TAXABLE REINVEST GAINS		$0	
700							
701							

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FIG. 4B

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A	AK	AL	AM	AN	AO
489			********** DCM **********		
490	KO		3YR	4YR	5YR
491	CURR DCM DTL SYS RECS		SELL LONG TERM W/ACTIVE REINV.	SELL LONG TERM W/ACTIVE REINV.	SELL LONG TERM W/ACTIVE REINV.
492	# SHARES INPUT>>>	100	0.0	0.0	0.0
493	TOTAL COST >>>	$4,500	0.0	0.0	0.0
494	MONTHS UNTIL L.T. >>>	1	0.0	0.0	0.0
495	MARGINAL RATE >>>	39.6%	0.0	0.0	0.0
496	LONG TERM RATE >>>	20.0%	0.0	0.0	0.0
497	NET SHORT TERM GAINS>>	$0			
498	NET LONG TERM GAINS >>	$0	$0	CUR YR TAXES	
499	NET 1 CAPITAL GAINS	$0			
500	OTHER INC. OFFSET AVAIL>	$3,000			
501	CURR VALUE OF OFFSET	$1,188			
502	LONG TERM LOSS AVAIL	$0			
503	ADJUSTED COST	$4,500			
504	CURRENT STOCK RATE	39.6%			
505	STRATEGIES	3YR	4YR	5YR	
506	NEW PURCH AFT TAX VAL	$7,459	$7,810	$8,114	
507	HOLD X YRS VALUE	$7,048	$7,399	$7,703	
508	SELL NOW VALUE ACTIVE	$6,552	$7,037	$7,880	
509	SELL NOW VALUE PASSIVE	$5,864	$6,054	$6,848	
510	SELL LONG TERM ACTIVE VALUE	$7,467	$7,998	$8,433	
511	SELL LONG TERM PASSIVE VALUE	$6,685	$6,895	$7,266	

A A

FIG. 5A

A A

512	MAX STRATEGY	$7,467		$7,998	$8,433	
513	TAX LOSS HARVEST CALCULATIONS					
514	ADUSTED COST/SHARE	$45.00	EFFECTIVE RATE		20.0%	
515	CURR MKT VAL	$6,556		50%	100%	
516	SIMPLE RETURN	45.7%	TURNOVER		50%	
517	CURRENT AFT TAX VALUE	$5,742	LONG TERM AFTER TAX VAL		$6,175	
518	PROFIT PER SHARE	$20.56				
519	TAX LOSS HARVESTING PRIORTIZATION SCHEDULE					
520	GAIN/LOSS MATCHING	1. ST/ST		4. LT/ST NET		
521	ST & NET ST LOSSES AVAIL	$0		$0		
522	TOTAL STOCK PROFIT	$2,056		$0		
523	HARVESTABLE SHARES	0.0		0.0		
524	S.T. GAINS REMAINING	$0		$0		
525	L.T. GAINS REMAINING	$0		$0		
526	NET 2 CAPITAL GAINS	$0		$0		
527	TOT CURR YR ASSOC TAXES	$0		$0		
528	GAIN/LOSS MATCHING	2. ST/LT		3. LT/LT		
529	NET LT & LT LOSSES AVAIL	$0		$0		
530	TOT REMAINING STK PROFIT	$2,056		$0		
531	HARVESTABLE SHARES	0.0		0.0		
532	S.T. GAINS REMAINING	$0		$0		
533	L.T. GAINS REMAINING	$0		$0		
534	NET 2 CAPITAL GAINS	$0		$0		
535	TOT CURR YR ASSOC TAXES	$0		$0		
536						
537	ORIGINAL COST PER SHARE	$45.00				
538	COST BASIS ADJUSTMENT	$-0				

FIG. 5B

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A	AK	AL	AP	AQ	AR
489			********** CUST **********		
490	KO		0	SELL LONG TERM W/ACTIVE REINV.	SELL LONG TERM W/ACTIVE REINV.
491	CURR DCM DTL SYS RECS	100	100	0.0	0.0
492	# SHARES INPUT>>>	$4,500	$4,500	0.0	0.0
493	TOTAL COST >>>	1	1	0.0	0.0
494	MONTHS UNTIL L.T. >>>	39.6%	39.6%	0.0	0.0
495	MARGINAL RATE >>>	20.0%	20.0%	0.0	0.0
496	LONG TERM RATE >>>	$0	$0		
497	NET SHORT TERM GAINS>>	$0	$0	$0	CUR YR TAXES
498	NET LONG TERM GAINS >>	$0	$0		
499	NET 1 CAPITAL GAINS	$3,000	$3,000		
500	OTHER INC. OFFSET AVAIL>	$1,188	$1,188		
501	CURR VALUE OF OFFSET	$0	$0		
502	LONG TERM LOSS AVAIL	$4,500	$4,500		
503	ADJUSTED COST	39.6%	39.6%		
504	CURRENT STOCK RATE	3YR	3YR	4YR	5YR
505	STRATEGIES	$7,459	$7,459	$7,810	$8,114
506	NEW PURCH AFT TAX VAL	$7,048	$7,048	$7,399	$7,703
507	HOLD X YRS VALUE	$6,552	$6,552	$7,037	$7,880
508	SELL NOW VALUE ACTIVE	$5,864	$5,864	$6,054	$6,848
509	SELL NOW VALUE PASSIVE	$7,467	$7,467	$7,998	$8,433
510	SELL LONG TERM ACTIVE VALUE	$6,685	$6,685	$6,895	$7,266
511	SELL LONG TERM PASSIVE VALUE	$7,467	$7,467	$7,998	$8,433
512	MAX STRATEGY				

A A

FIG. 5C

A

513	TAX LOSS HARVEST CALCULATIONS					20.0%
514	ADUSTED COST/SHARE	$45.00	$45.00	EFFECTIVE RATE	50%	100%
515	CURR MKT VAL	$6,556	$6,556			50%
516	SIMPLE RETURN	45.7%	45.7%	TURNOVER		$6,175
517	CURRENT AFT TAX VALUE	$5,742	$5,742	LONG TERM AFTER TAX VAL		
518	PROFIT PER SHARE	$20.56	$20.56			
519	TAX LOSS HARVESTING PRIORTIZATION SCHEDULE					
520	GAIN/LOSS MATCHING	1. ST/ST	1. ST/ST	4. LT/ST NET		
521	ST & NET ST LOSSES AVAIL	$0	$0	$0		
522	TOTAL STOCK PROFIT	$2,056	$2,056	$0		
523	HARVESTABLE SHARES	0.0	0.0	0.0		
524	S.T. GAINS REMAINING	$0	$0	$0		
525	L.T. GAINS REMAINING	$0	$0	$0		
526	NET 2 CAPITAL GAINS	$0	$0	$0		
527	TOT CURR YR ASSOC TAXES	$0	$0	$0		
528	GAIN/LOSS MATCHING	2. ST/LT	2. ST/LT	3. LT/LT		
529	NET LT & LT LOSSES AVAIL	$0	$0	$0		
530	TOT REMAINING STK PROFIT	$2,056	$2,056	$0		
531	HARVESTABLE SHARES	0.0	0.0	0.0		
532	S.T. GAINS REMAINING	$0	$0	$0		
533	L.T. GAINS REMAINING	$0	$0	$0		
534	NET 2 CAPITAL GAINS	$0	$0	$0		
535	TOT CURR YR ASSOC TAXES	$0	$0	$0		
536						
537	ORIGINAL COST PER SHARE	$45.00	$45.00			
538	COST BASIS ADJUSTMENT	$-0	$-0			

A

FIG. 5D

A	AK	AL	AM	AN	AO	AP	AQ
606	DCM EXPECTATION OPTIMIZATIONS STRATEGIES					BOTH RESULTS ARE EQUAL	
607							
608	THREE YEAR HORIZON OPTIMIZING RECOMMENDATION:					SELL LONG TERM W/ACTIVE REINV.	
609							
610	FOUR YEAR HORIZON OPTIMIZING RECOMMENDATION:					SELL LONG TERM W/ACTIVE REINV.	
611							
612	FIVE YEAR HORIZON OPTIMIZING RECOMMENDATION:					SELL LONG TERM W/ACTIVE REINV.	
613					3YR	4YR	5YR
614							
615					$7,459	$7,810	$8,114
616	NEW PURCH 5TH YR AFT TAX VALUE				$7,048	$7,399	$7,703
617	HOLD POSITION FOR HORIZON				$6,552	$7,037	$7,880
618	SELL NOW W/ACTIVE REINVESTMENT				$5,864	$6,054	$6,848
619	SELL NOW W/PASSIVE REINVESTMENT				$7,467	$7,998	$8,433
620	SELL LONG TERM W/ACTIVE REINV.				$6,685	$6,895	$7,266
621	SELL LONG TERM W/PASSIVE REINV.						
622							
623							
624					$7,467	$7,998	$8,433
625	DCM MAXIMUM STRATEGY						
626							
627						BOTH RESULTS ARE EQUAL	
628	CUSTOMER EXPECTATIONS OPTIMIZATION STRATEGIES						
629						SELL LONG TERM W/ACTIVE REINV.	
630	THREE YEAR HORIZON OPTIMIZING RECOMMENDATION:						
631						SELL LONG TERM W/ACTIVE REINV.	
632	FOUR YEAR HORIZON OPTIMIZING RECOMMENDATION:						
633						SELL LONG TERM W/ACTIVE REINV.	
634	FIVE YEAR HORIZON OPTIMIZING RECOMMENDATION:						
635					3YR	4YR	5YR
636							
637					$7,459	$7,810	$8,114
638	NEW PURCH 5TH YR AFT TAX VALUE				$7,048	$7,399	$7,703
639	HOLD POSITION FOR HORIZON				$6,552	$7,037	$7,880
640	SELL NOW W/ACTIVE REINVESTMENT				$5,864	$6,054	$6,848
641	SELL NOW W/PASSIVE REINVESTMENT				$7,467	$7,998	$8,433
642	SELL LONG TERM W/ACTIVE REINV.				$6,685	$6,895	$7,266
643	SELL LONG TERM W/PASSIVE REINV.						
644							
645							
646					$7,467	$7,998	$8,433
647	CUSTOMER MAXIMUM STRATEGY						

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FIG. 6

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A	AK	AL	AM	AN	AO	AP	AQ	AR
671	DRG STRATEGIES				SELL STOCK NOW		SELL STOCK LONG T	
672		NEW	HOLD POS.		AND REINVEST		AND THEN REINVEST	
673		PURCHA	FOR FIVE		DCM	S&P500	DCM	S&P500
674		5 YR HOL	YEARS					
675								
676	FIXED FEES	2.0%	2.0%		2.0%	2.0%	2.0%	2.0%
677	TOT RET. POT.	8.0%	8.0%		11.3%	7.3%	11.3%	7.3%
678	DIVIDEND YLD	0.9%	0.9%		1.8%	1.8%	1.8%	1.8%
679	APPREC. RATE	7.1%	7.1%		9.5%	5.5%	9.5%	5.5%
680	COST	$6,556	$4,500		$4,500	$4,500	$4,500	$4,500
681								
682	CURRENT							
683	MARKET VALUE	$6,556	$6,556		$6,556	$6,556	$6,556	$6,556
684	AFT TAX VAL	$6,556	$5,742		$5,742	$5,742	$5,742	$5,742
685								
686	YR 1 CAP APP	$466	$466		$543	$318	$573	$351
687	TAXABLE GAIN	$0	$0		$272	$0	$2,362	$2,094
688	YR 1 DIV. INC	$60	$60		$103	$103	$106	$106
689	YR 1 C.G. TAX	$0	$0		$108	$0	$472	$419
690	YR 1 ORD. TAX	$24	$24		$41	$41	$42	$42
691	YR 1 FIXED	$131	$131		$115	$115	$131	$131
692	YR 1 COMM EXP	$0	$0		$0	$0	$0	$0
693	VAL END YR 1	$6,927	$6,927		$6,125	$6,007	$6,590	$6,422
694	YR 2 CAP APP	$492	$492		$580	$333	$624	$356
695	TAXABLE GAIN	$0	$0		$426	$0	$446	$0
696	YR 2 DIV. INC	$66	$66		$109	$107	$118	$115
697	YR 2 C.G. TAX	$0	$0		$85	$0	$89	$0
698	YR 2 ORD. TAX	$26	$26		$43	$42	$47	$45
699	YR 2 FIXED	$139	$139		$122	$120	$132	$128
700	YR 2 COMM EXP	$0	$0		$0	$0	$0	$0
701	VAL END YR 2	$7,320	$7,320		$6,563	$6,285	$7,064	$6,718
702	YR 3 CAP APP	$520	$520		$621	$348	$669	$372
703	TAXABLE GAIN	$0	$0		$523	$0	$557	$0
704	YR 3 DIV. INC	$73	$73		$117	$112	$126	$120
705	YR 3 C.G. TAX	$0	$0		$105	$0	$111	$0
706	YR 3 ORD. TAX	$29	$29		$46	$44	$50	$47
707	YR 3 FIXED	$146	$146		$131	$126	$141	$134
708	YR 3 COMM EXP	$0	$0		$0	$0	$0	$0
709	VAL END YR 3	$7,738	$7,738		$7,019	$6,575	$7,556	$7,029
710	YR 4 CAP APP	$549	$549		$664	$364	$715	$390
711	TAXABLE GAIN	$0	$0		$594	$0	$636	$0

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FIG. 7A

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712	YR 4 DIV. INC	$80	$80		$125	$117	$135	$125
713	YR 4 C.G. TAX	$0	$0		$119	$0	$127	$0
714	YR 4 ORD. TAX	$32	$32		$50	$46	$53	$50
715	YR 4 FIXED	$155	$155		$140	$132	$151	$141
716	YR 4 COMM EXP	$0	$0		$0	$0	$0	$0
717	VAL END YR 4	$8,181	$8,181		$7,500	$6,879	$8,074	$7,354
718	YR 5 CAP APP	$581	$581		$710	$381	$764	$408
719	TAXABLE GAIN	$2,683	$4,739		$1,304	$1,745	$1,400	$1,877
720	YR 5 DIV. INC	$88	$88		$134	$123	$144	$131
721	YR 5 C.G. TAX	$537	$948		$261	$349	$280	$375
722	YR 5 ORD. TAX	$35	$35		$53	$49	$57	$52
723	YR 5 FIXED	$164	$164		$150	$138	$161	$147
724	YR 5 COMM EXP	$0	$0		$0	$0	$0	$0
725	VAL END YR 5	$8,114	$7,703		$7,880	$6,848	$8,484	$7,318
726								
727	FIVE YEAR TOTALS							
728	TARGET PRICE	$92.39	$92.39					
729	TARGET SELL	$9,239	$9,239					
730	COST BASIS	$6,556	$4,500					
731	DIV INCOME	$366	$366		$588	$562		
732	GROSS PROFIT	$3,049	$5,106					
733	C.G. TAXES	$537	$948		$677	$349		
734	ORD TAX	$145	$145		$233	$223		
735	FIXED FEES	$734	$734		$659	$630		
736	COMM. EXP	$0	$0		$0	$0		
737	NET VALUE	$8,189	$7,778					
738	NET PROFIT	$1,633	$3,278					
739								
740	AFTER TAX IRR	4.36%	6.26%		6.53%	3.59%		
741	CURR AFT TAX VAL	($6,556)	($5,742)		($5,742)	($5,742)		
742		$0	$0		$0	$0		
743		$0	$0		$0	$0		
744		$0	$0		$0	$0		
745		$0	$0		$0	$0		
746		$8,114	$7,778		$7,880	$6,848		
747	APPREC. RATE	7.10%	7.10%					
748		($66)	($66)					
749		$0	$0					
750		$0	$0					
751		$0	$0					
752		$0	$0					
753		$92	$92					
754								
755	3YRDRG STRAT C.G.	$1,498	$3,555	UNREALI	$2,334	$3,555	$190	$1,461
756	3YRDRG AFTTAX VAL	$7,459	$7,048		$6,552	$5,864	$7,518	$6,737
757	4YRDRG STRAT C.G.	$2,070	$4,127	UNREALI	$2,312	$4,127	$126	$2,033
758	4YRDRG AFTTAX VAL	$7,810	$7,399		$7,037	$6,054	$8,049	$6,947
759	3YRCUST STRAT C.G.	$1,498	$3,555	UNREALI	$2,334	$3,555	$190	$1,461
760	3YRCUST AFTTAX VAL	$7,459	$7,048		$6,552	$5,864	$7,518	$6,737
761	4YRCUST STRAT C.G.	$2,070	$4,127	UNREALI	$2,312	$4,127	$126	$2,033
762	4YRCUST AFTTAX VAL	$7,810	$7,399		$7,037	$6,054	$8,049	$6,947

FIG. 7B

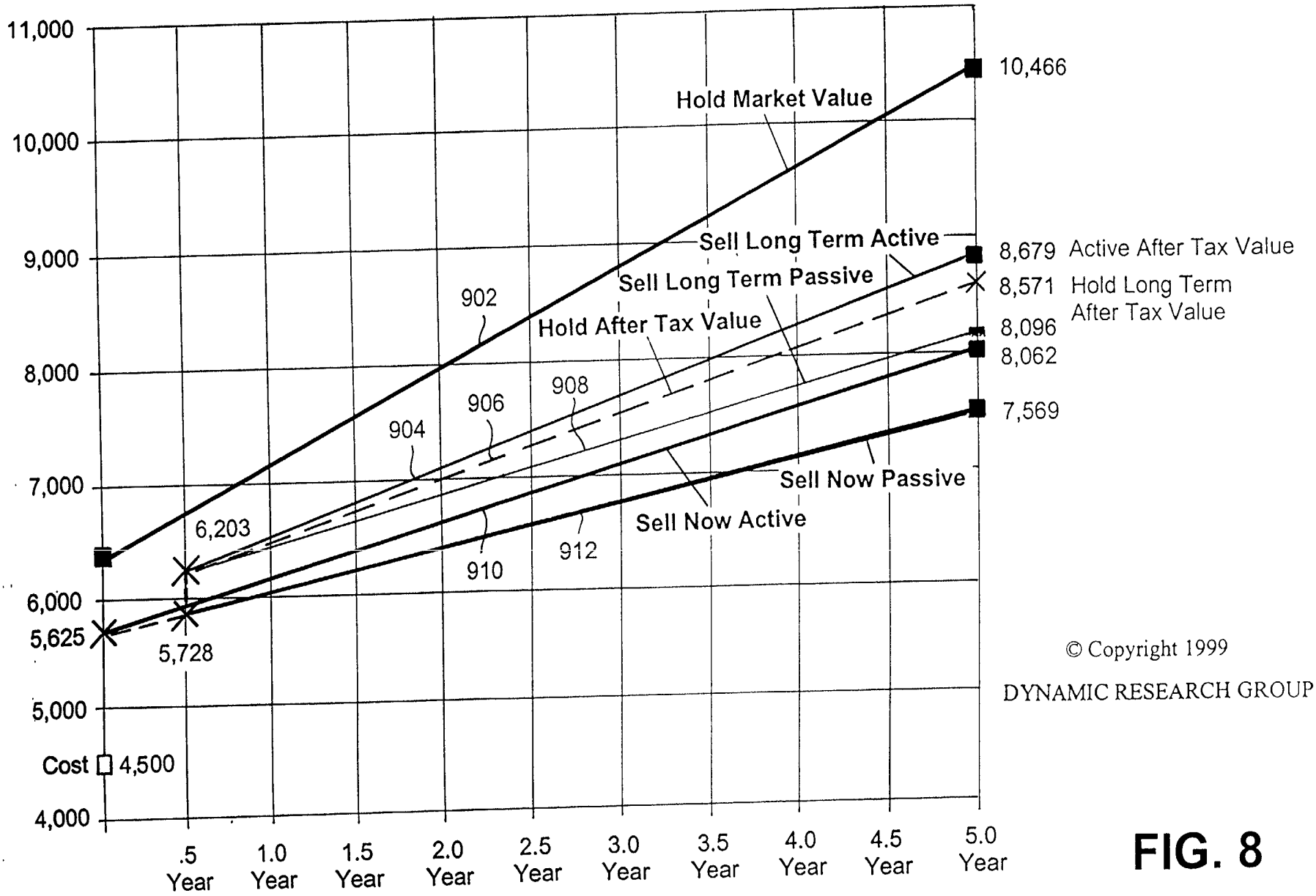

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FIG. 8

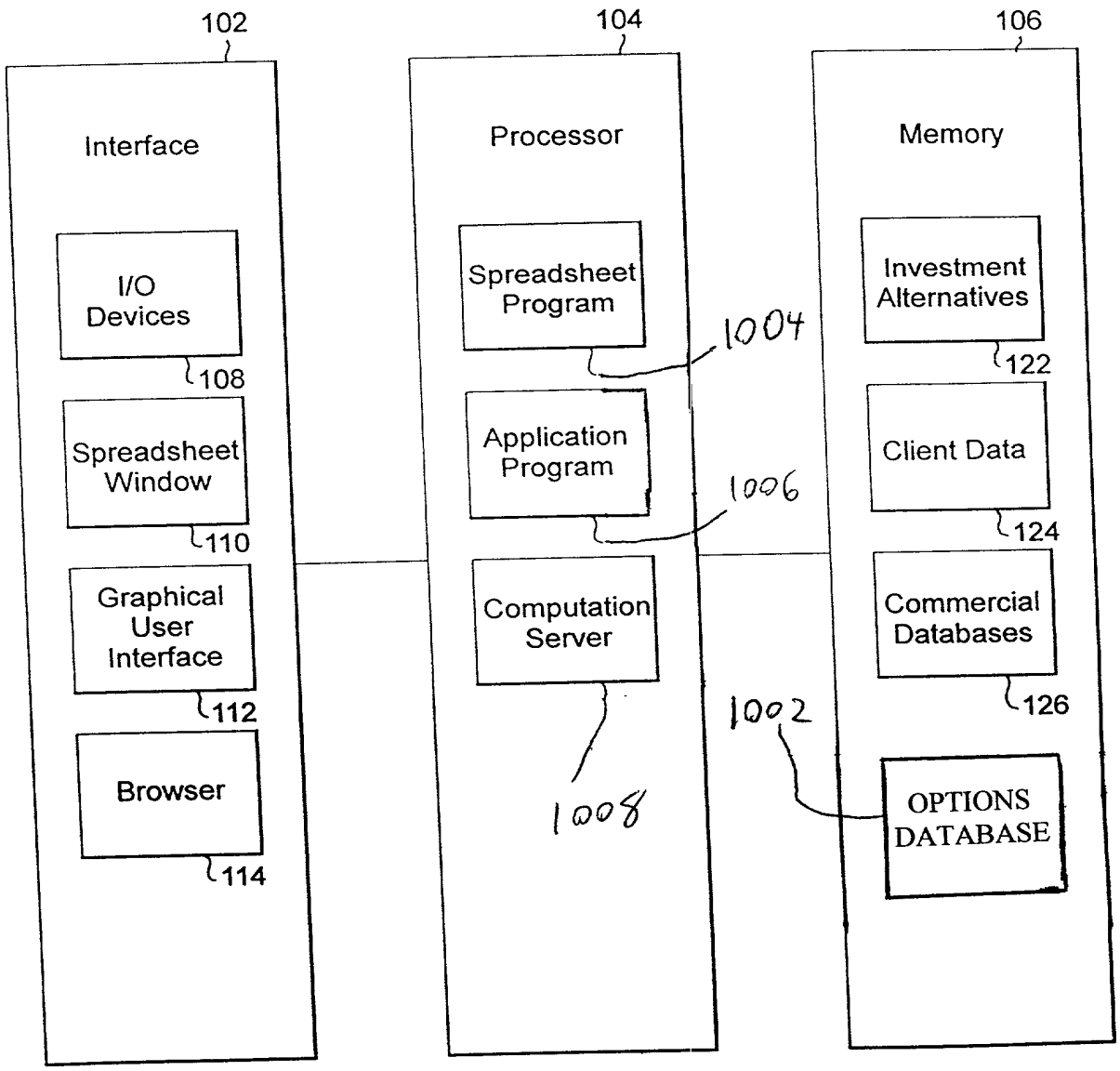
1000
102
Interface
I/O Devices
108
Spreadsheet Window
110
Graphical User Interface
112
Browser
114
104
Processor
Spreadsheet Program
1004
Application Program
1006
Computation Server
1008
106
Memory
Investment Alternatives
122
Client Data
124
Commercial Databases
126
1002
OPTIONS DATABASE

FIG. 9

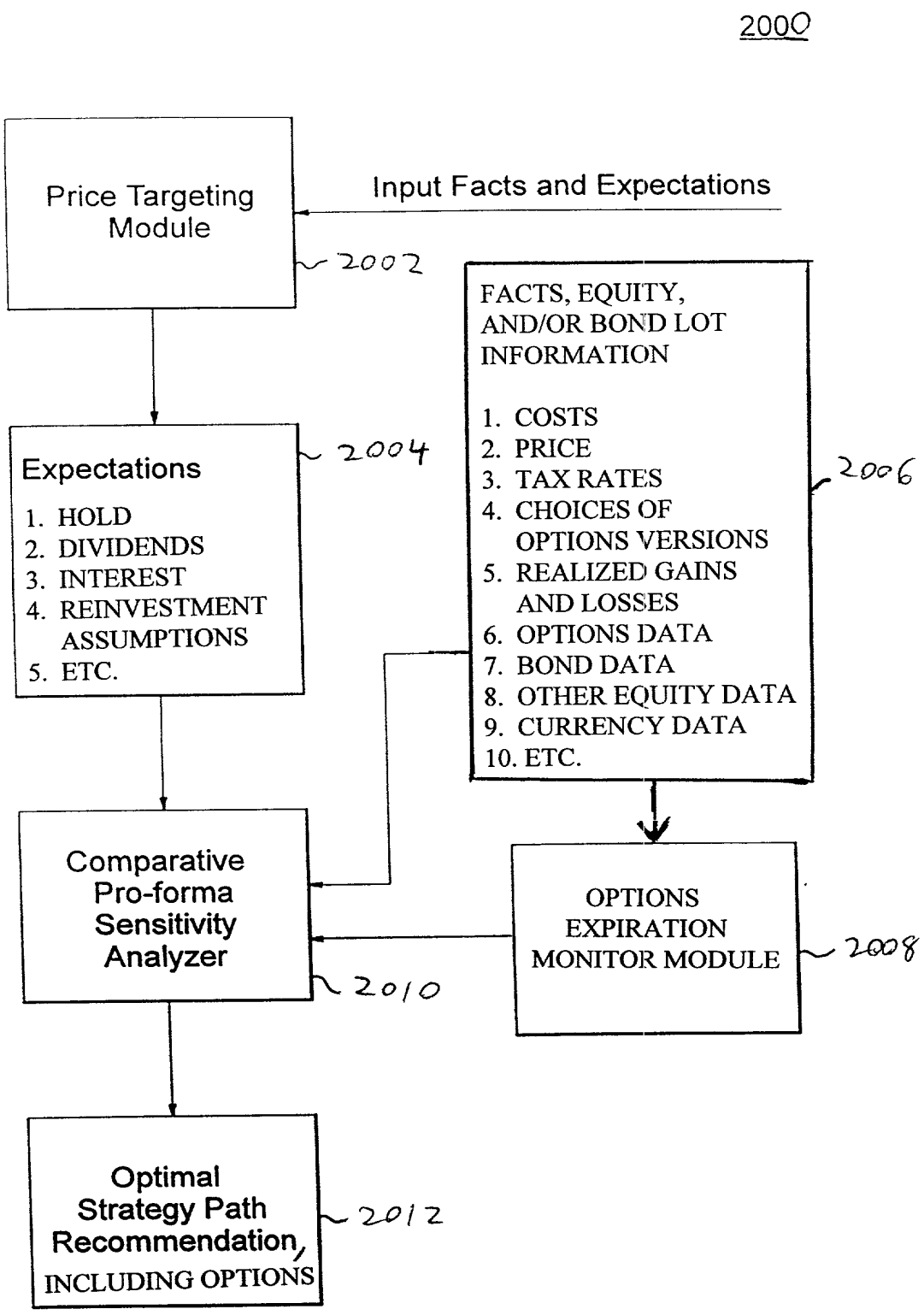
2000
Price Targeting Module
2002
Input Facts and Expectations
FACTS, EQUITY, AND/OR BOND LOT INFORMATION
1. COSTS
2. PRICE
3. TAX RATES
4. CHOICES OF OPTIONS VERSIONS
5. REALIZED GAINS AND LOSSES
6. OPTIONS DATA
7. BOND DATA
8. OTHER EQUITY DATA
9. CURRENCY DATA
10. ETC.
2006
Expectations
1. HOLD
2. DIVIDENDS
3. INTEREST
4. REINVESTMENT ASSUMPTIONS
5. ETC.
2004
Comparative Pro-forma Sensitivity Analyzer
2010
OPTIONS EXPIRATION MONITOR MODULE
2008
Optimal Strategy Path Recommendation, INCLUDING OPTIONS
2012

FIG. 10

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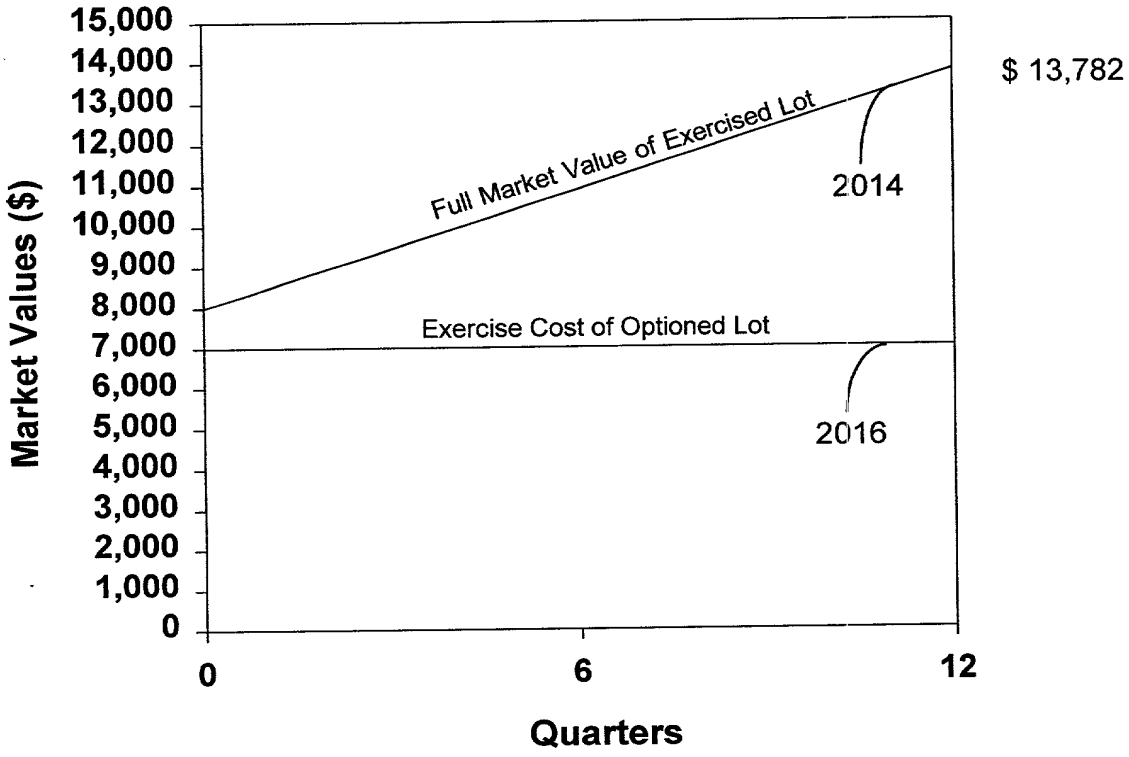

FIG. 11

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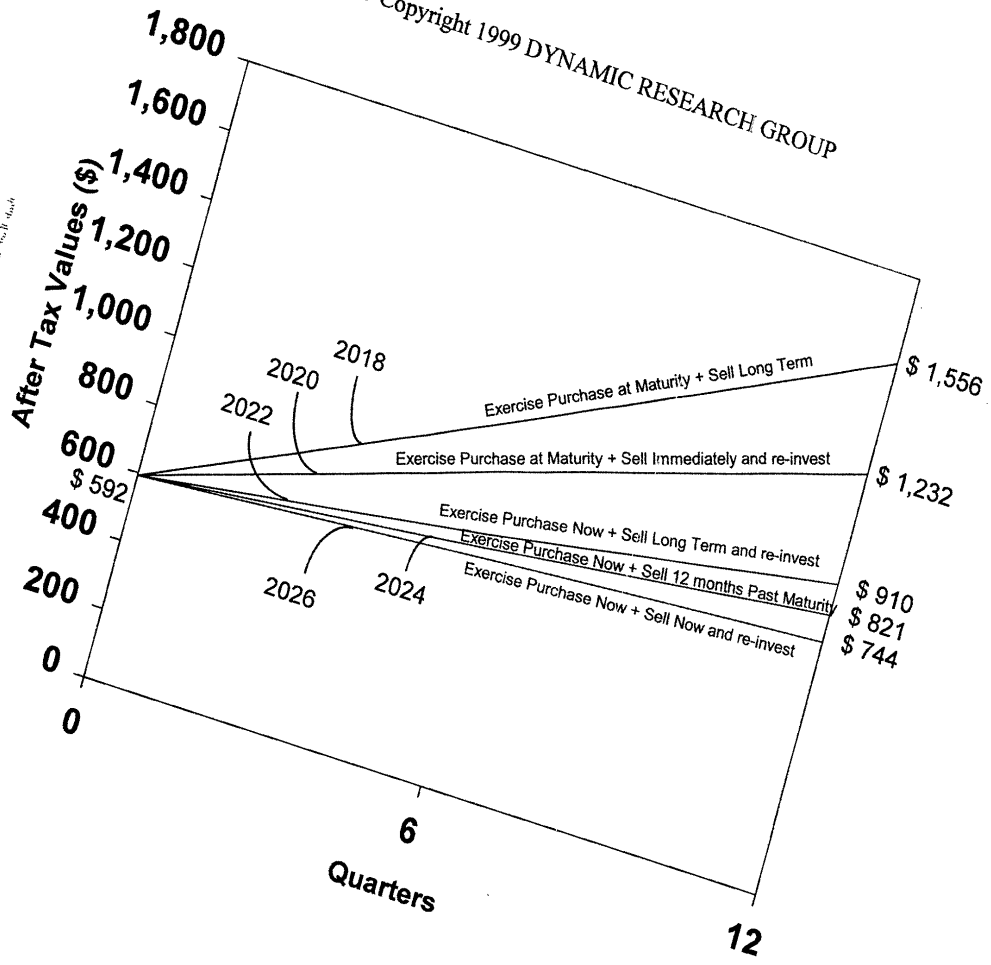

FIG. 12

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1	CLIENT INPUT CUSTOMIZATION WINDOW									
2										
3	REGULAR OPTIONS ANALYSIS = 1	12 MONTH HOLD AFTER EXERCISE EARNS CAPITAL								
4		GAINS TREATMENT								
5										
6	EMP STK OPTION PURCH PLAN=2	MAX15% INTRINSIC VAL/W ORD TAX & MUST NOT SELL								
7		PRIOR TO 24MO. FROM NON-FORFEITURE CONTRUC-								
8		TIVE GRANTING RIGHTS & 12MONTHS FROM PURCHASE								
9										
10	EMP STK OPT INCENTIVE PLAN=3	SAME AS 2 EXCEPT ALLOWS FOR NO INTRINSIC VALUE								
11										
12	NON-QUAL83a EMP STK OPT = 4	INTRINSIC VAL TAXED AT ORD RATE WHEN RISK OF								
13		FORFEIT ABSENT & 12MO CAP GAINS TREATMENT								
14										
15	NON-QUAL83b EMP STK OPT = 5	INTRINSIC VAL TAXED AT ORD RATE WHEN ELECTION								
16		MADE & 12MO CAP GAINS TREATMENT ON ANY								
17		ADDITIONAL PROFIT ON SALE								
18										
19			01 21 PM	09-Feb	CUSTOM					
20	INPUTS				ASSUMPTIONS					
21	INVESTMENT FACTS									
22	QUARTERS UNTIL OPTION MATURES				8					
23	CURRENT PRICE				$80.00					
24	NUMBER OF SHARES PURCHASED				100					
25	EXERCISE PRICE PER SHARE				$70.00					
26	QUARTERS UNTIL OPTION EXPIRES (CAN BE NEGATIVE IF PAST MATURITY)				40					
27	MARGINAL ORDINARY TAX RATE				39.6%					
28	12 MONTH CAPITAL GAINS TAX RATE				20 0%					
29										
30	ANNUAL ADVISOR FEE				1 0%					
31	BROKERAGE ANNUAL WRAP FEE				1.0%					
32	BROKERAGE CENTS/SHARE				$0.10					
33	EXERCISE COST BORROWING RATE				10 0%					
34										
35	EXPECTATIONS									

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FIG. 13

GBGTEG-GSEZGSG

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
36	HOLD									
37	EARNINGS BASE				$1.45					
38	FIVE YEAR EARNINGS & DIV. GROWTH RATE				13.0%	1-PRICE BASED				
39	LONG TERM P.E. TARGET				28 0	2-PE BASED				
40	FIVE YEAR PRICE TARGET				$137.82	2	$137 82			
41	SUPPORTABLE DIVIDEND YIELD				1 0%					
42										
43	CURRENT HIGHEST JUSTIFIABLE PRICE				$80 00					
44										
45	ACTIVE REINVESTMENT									
46	BEF TAX TOTAL ACTIVE REINVESTMENT RETURN ASSUMPTION				15 0%					
47	MKT & REINVESTMENT DIVIDEND ASSUMPTION				1 6%					
48										
49	PORTFOLIO TURNOVER				50%	50%	TURNOVER LIMIT FACTOR			
50	REINVESTMENT EFFECTIVE CAP GAINS TAX RATE				39 6%	50%				
51	**********	**********	**********	**********	**********	**********	**********	**********		
52	PERIOD COMPOUND PRICE CHANGE		1 4%							
53	TARGET PRICE		$137 82							
54	**********	**********	**********	**********	**********	**********	**********	**********		
55	OPTIMIZATION RESULTS									
56										
57	QTRS UNTIL OPTION MATURES	8								
58										
59	MAXIMUM STRATEGY	EXERCISE PURCHASE AT MATURITY & SELL LONG TERM								
60	MAXIMUM STRATEGY VALUE	$1,556								
61					END HORIZON					
62					STRATEGY VALUES					
63	EXERCISE PURCHASE AT MATURITY & SELL IMMEDIATELY				$1,232					
64	EXERCISE PURCHASE AT MATURITY & SELL LONG TERM				$1,556					
65	EXERCISE PURCHASE NOW & SELL NOW				$744					
66	EXERCISE PURCHASE NOW & SELL LONG TERM				$910					
67	EXERCISE PURCHASE NOW & SELL 12 MONTHS PAST MATURITY				$821					
68										
69	**********	**********	**********	**********	**********	**********	**********	**********		
70	CUSTOM STRATEGIES	EXERCISE								

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FIG. 14

BASTED-DSE2356

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
71		PURCHASE								
72		AT MATURITY								
73		& SELL								
74		IMMEDIATELY								
75										
76	FIXED FEES	2.0%								
77	STOCK DIVIDEND RATE	1.0%								
78	STK EARNINGS & DIV GROWTH	13.0%								
79	STK COMP. CAPITAL APP. POT.	5.5%								
80	STOCK TOTAL RETURN POTENTIAL	6.5%								
81	REINVESTMENT CAPITAL APP.	13.4%								
82	MKT & REINVESTMENT DIVIDEND	1.6%								
83	COST	$7,000								
84	EXERCISED STOCK TAX RATE	39.6%								
85	CURR MARKET VALUE	$8,000								
86	BROKERAGE TRANS COST	$10.00								
87	AFT TAX VAL	$591.92	$658 07	$725 13	$793 11	$862 02	$931 87	$1,002 68	$1,074 46	$1,147 22
88	EFF. REINV. CAP GAIN RATE	39.6%								
89	QTRS UNTIL OPTION MATURES	0	1	2	3	4	5	6	7	8
90	CAPTIAL APPRECIATION QTR 1	$20								
91	TAXABLE GAIN	$0								
92	NET DIV INCOME & INTEREST EXP	$2								
93	CAPTIAL GAINS TAX	$0								
94	ORDINARY INCOME TAX	$1								
95	FIXED FEES	$3								
96	BROKERAGE CENTS/SH	$0								
97	VAL END QTR 1	$610								
98	POST TAX TERMINATION VALUE	NA								
99	CAPTIAL APPRECIATION QTR 2	$20	$22							
100	TAXABLE GAIN	$0	$0							
101	NET DIV INCOME & INTEREST EXP	$2	$3							
102	CAPTIAL GAINS TAX	$0	$0							
103	ORDINARY INCOME TAX	$1	$1							
104	FIXED FEES	$3	$3							
105	BROKERAGE CENTS/SH	$0	$0							

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FIG. 15

08878 0820818

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
106	VAL END QTR 2	$629	$678							
107	POST TAX TERMINATION VALUE	NA	NA							
108	CAPTIAL APPRECIATION QTR 3	$21	$23	$24						
109	TAXABLE GAIN	$0	$0	$0						
110	NET DIV INCOME & INTEREST EXP	$3	$3	$3						
111	CAPTIAL GAINS TAX	$0	$0	$0						
112	ORDINARY INCOME TAX	$1	$1	$1						
113	FIXED FEES	$3	$3	$4						
114	BROKERAGE CENTS/SH	$0	$0	$0						
115	VAL END QTR 3	$649	$699	$748						
116	POST TAX TERMINATION VALUE	NA	NA	NA						
117	CAPTIAL APPRECIATION QTR 4	$22	$23	$25	$27					
118	TAXABLE GAIN	$0	$0	$0	$0					
119	NET DIV INCOME & INTEREST EXP	$3	$3	$3	$3					
120	CAPTIAL GAINS TAX	$0	$0	$0	$0					
121	ORDINARY INCOME TAX	$1	$1	$1	$1					
122	FIXED FEES	$3	$3	$4	$4					
123	BROKERAGE CENTS/SH	$0	$0	$0	$0					
124	VAL END QTR 4	$669	$721	$771	$818					
125	POST TAX TERMINATION VALUE	$636	NA	NA	NA					
126	CAPTIAL APPRECIATION QTR 5		$24	$26	$27	$29				
127	TAXABLE GAIN		$0	$0	$0	$0				
128	NET DIV INCOME & INTEREST EXP		$3	$3	$3	$3				
129	CAPTIAL GAINS TAX		$0	$0	$0	$0				
130	ORDINARY INCOME TAX		$1	$1	$1	$1				
131	FIXED FEES		$4	$4	$4	$4				
132	BROKERAGE CENTS/SH		$0	$0	$0	$0				
133	VAL END QTR 5		$743	$794	$843	$889				
134	POST TAX TERMINATION VALUE		$707	NA	NA	NA				
135	CAPTIAL APPRECIATION QTR 6			$27	$28	$30	$31			
136	TAXABLE GAIN			$0	$0	$0	$0			
137	NET DIV INCOME & INTEREST EXP			$3	$3	$4	$4			
138	CAPTIAL GAINS TAX			$0	$0	$0	$0			
139	ORDINARY INCOME TAX			$1	$1	$1	$1			
140	FIXED FEES			$4	$4	$4	$5			

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FIG. 16

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
141	BROKERAGE CENTS/SH			$0	$0	$0	$0			
142	VAL END QTR 6			$819	$869	$916	$961			
143	POST TAX TERMINATION VALUE			$779	NA	NA	NA			
144	CAPTIAL APPRECIATION QTR 7				$29	$31	$32	$34		
145	TAXABLE GAIN				$0	$0	$0	$0		
146	NET DIV INCOME & INTEREST EXP				$3	$4	$4	$4		
147	CAPTIAL GAINS TAX				$0	$0	$0	$0		
148	ORDINARY INCOME TAX				$1	$1	$2	$2		
149	FIXED FEES				$4	$5	$5	$5		
150	BROKERAGE CENTS/SH				$0	$0	$0	$0		
151	VAL END QTR 7				$896	$944	$990	$1,034		
152	POST TAX TERMINATION VALUE				$852	NA	NA	NA		
153	CAPTIAL APPRECIATION QTR 8					$32	$33	$35	$36	
154	TAXABLE GAIN					$0	$0	$0	$0	
155	NET DIV INCOME & INTEREST EXP					$4	$4	$4	$4	
156	CAPTIAL GAINS TAX					$0	$0	$0	$0	
157	ORDINARY INCOME TAX					$1	$2	$2	$2	
158	FIXED FEES					$5	$5	$5	$5	
159	BROKERAGE CENTS/SH					$0	$0	$0	$0	
160	VAL END QTR 8					$974	$1,021	$1,066	$1,108	
161	POST TAX TERMINATION VALUE					$926	NA	NA	NA	
162	CAPTIAL APPRECIATION QTR 9						$34	$36	$37	$38
163	TAXABLE GAIN						$0	$0	$0	$0
164	NET DIV INCOME & INTEREST EXP						$4	$4	$4	$5
165	CAPTIAL GAINS TAX						$0	$0	$0	$0
166	ORDINARY INCOME TAX						$2	$2	$2	$2
167	FIXED FEES						$5	$5	$6	$6
168	BROKERAGE CENTS/SH						$0	$0	$0	$0
169	VAL END QTR 9						$1,053	$1,099	$1,142	$1,183
170	POST TAX TERMINATION VALUE						$1,001	NA	NA	NA
171	CAPTIAL APPRECIATION QTR 10							$37	$38	$40
172	TAXABLE GAIN							$0	$0	$0
173	NET DIV INCOME & INTEREST EXP							$4	$5	$5
174	CAPTIAL GAINS TAX							$0	$0	$0
175	ORDINARY INCOME TAX							$2	$2	$2

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FIG. 17

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
176	FIXED FEES							$5	$6	$6
177	BROKERAGE CENTS/SH							$0	$0	$0
178	VAL END QTR 10							$1,133	$1,177	$1,219
179	POST TAX TERMINATION VALUE							$1,077	NA	NA
180	CAPTIAL APPRECIATION QTR 11								$39	$41
181	TAXABLE GAIN								$0	$0
182	NET DIV INCOME & INTEREST EXP								$5	$5
183	CAPTIAL GAINS TAX								$0	$0
184	ORDINARY INCOME TAX								$2	$2
185	FIXED FEES								$6	$6
186	BROKERAGE CENTS/SH								$0	$0
187	VAL END QTR 11								$1,214	$1,257
188	POST TAX TERMINATION VALUE								$1,154	NA
189	CAPTIAL APPRECIATION QTR 12									$42
190	TAXABLE GAIN									$0
191	NET DIV INCOME & INTEREST EXP									$5
192	CAPTIAL GAINS TAX									$0
193	ORDINARY INCOME TAX									$2
194	FIXED FEES									$6
195	BROKERAGE CENTS/SH									$0
196	VAL END QTR 12									$1,296
197	POST TAX TERMINATION VALUE									$1,232
198	CAPTIAL APPRECIATION QTR 13									
199	TAXABLE GAIN									
200	NET DIV INCOME & INTEREST EXP									
201	CAPTIAL GAINS TAX									
202	ORDINARY INCOME TAX									
203	FIXED FEES									
204	BROKERAGE CENTS/SH									
205	VAL END QTR 13									
206	POST TAX TERMINATION VALUE									
207	CAPTIAL APPRECIATION QTR 14									
208	TAXABLE GAIN									
209	NET DIV INCOME & INTEREST EXP									
210	CAPTIAL GAINS TAX									

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FIG. 18

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
211	ORDINARY INCOME TAX									
212	FIXED FEES									
213	BROKERAGE CENTS/SH									
214	VAL END QTR 14									
215	POST TAX TERMINATION VALUE									
216	CAPTIAL APPRECIATION QTR 15									
217	TAXABLE GAIN									
218	NET DIV INCOME & INTEREST EXP									
219	CAPTIAL GAINS TAX									
220	ORDINARY INCOME TAX									
221	FIXED FEES									
222	BROKERAGE CENTS/SH									
223	VAL END QTR 15									
224	POST TAX TERMINATION VALUE									
225	CAPTIAL APPRECIATION QTR 16									
226	TAXABLE GAIN									
227	NET DIV INCOME & INTEREST EXP									
228	CAPTIAL GAINS TAX									
229	ORDINARY INCOME TAX									
230	FIXED FEES									
231	BROKERAGE CENTS/SH									
232	VAL END QTR 16									
233	POST TAX TERMINATION VALUE									
234	CAPTIAL APPRECIATION QTR 17									
235	TAXABLE GAIN									
236	NET DIV INCOME & INTEREST EXP									
237	CAPTIAL GAINS TAX									
238	ORDINARY INCOME TAX									
239	FIXED FEES									
240	BROKERAGE CENTS/SH									
241	VAL END QTR 17									
242	POST TAX TERMINATION VALUE									
243	CAPTIAL APPRECIATION QTR 18									
244	TAXABLE GAIN									
245	NET DIV INCOME & INTEREST EXP									

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FIG. 19

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
456	BROKERAGE CENTS/SH									
457	VAL END QTR 41									
458	POST TAX TERMINATION VALUE									
459	CAPTIAL APPRECIATION QTR 42									
460	TAXABLE GAIN									
461	NET DIV INCOME & INTEREST EXP									
462	CAPTIAL GAINS TAX									
463	ORDINARY INCOME TAX									
464	FIXED FEES									
465	BROKERAGE CENTS/SH									
466	VAL END QTR 42									
467	POST TAX TERMINATION VALUE									
468	CAPTIAL APPRECIATION QTR 43									
469	TAXABLE GAIN									
470	NET DIV INCOME & INTEREST EXP									
471	CAPTIAL GAINS TAX									
472	ORDINARY INCOME TAX									
473	FIXED FEES									
474	BROKERAGE CENTS/SH									
475	VAL END QTR 43									
476	POST TAX TERMINATION VALUE									
477	CAPTIAL APPRECIATION QTR 44									
478	TAXABLE GAIN									
479	NET DIV INCOME & INTEREST EXP									
480	CAPTIAL GAINS TAX									
481	ORDINARY INCOME TAX									
482	FIXED FEES									
483	BROKERAGE CENTS/SH									
484	VAL END QTR 44									
485	POST TAX TERMINATION VALUE									
486										
487										
488										
489										
490		EXERCISE								

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FIG. 20

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
491		PURCHASE								
492		AT MATURITY								
493		& SELL L.T.								
494										
495										
496										
497	STOCK DIVIDEND RATE	1.0%								
498	STK EARNINGS & DIV GROWTH	13.0%								
499	STK COMP. CAPITAL APP. POT.	5.5%								
500	STOCK TOTAL RETURN POTENTIAL	6.5%								
501	COST	$7,000								
502	EXERCISED STOCK TAX RATE	20.0%								
503	CURR MARKET VALUE	$8,000								
504	BROKERAGE TRANS COST	$10.00								
505	PURCHASE LOAN AMOUNT	$7,010								
506	ANNUAL BORROWING RATE	10.0%								
507										
508										
509	QTRS UNTIL OPTION MATURES	0	1	2	3	4	5	6	7	8
510	CAPTIAL APPRECIATION QTR 1	$110								
511	TAXABLE GAIN	$0								
512	NET DIV INCOME & INTEREST EXP	($155)								
513	CAPTIAL GAINS TAX	$0								
514	ORDINARY INCOME TAX	($61)								
515	FIXED FEES	$0								
516	BROKERAGE CENTS/SH	$0								
517	VAL END QTR 1	$8,006								
518	POST TAX TERMINATION VALUE	NA								
519	CAPTIAL APPRECIATION QTR 2	$111	$111							
520	TAXABLE GAIN	$0	$0							
521	NET DIV INCOME & INTEREST EXP	($155)	($155)							
522	CAPTIAL GAINS TAX	$0	$0							
523	ORDINARY INCOME TAX	($61)	($61)							
524	FIXED FEES	$0	$0							
525	BROKERAGE CENTS/SH	$0	$0							

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FIG. 21

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
526	VAL END QTR 2	$8,023	$8,127							
527	POST TAX TERMINATION VALUE	NA	NA							
528	CAPTIAL APPRECIATION QTR 3	$113	$113	$113						
529	TAXABLE GAIN	$0	$0	$0						
530	NET DIV INCOME & INTEREST EXP	($155)	($155)	($155)						
531	CAPTIAL GAINS TAX	$0	$0	$0						
532	ORDINARY INCOME TAX	($61)	($61)	($61)						
533	FIXED FEES	$0	$0	$0						
534	BROKERAGE CENTS/SH	$0	$0	$0						
535	VAL END QTR 3	$8,042	$8,146	$8,240						
536	POST TAX TERMINATION VALUE	NA	NA	NA						
537	CAPTIAL APPRECIATION QTR 4	$114	$114	$114	$114					
538	TAXABLE GAIN	$0	$0	$0	$0					
539	NET DIV INCOME & INTEREST EXP	($154)	($154)	($154)	($154)					
540	CAPTIAL GAINS TAX	$0	$0	$0	$0					
541	ORDINARY INCOME TAX	($61)	($61)	($61)	($61)					
542	FIXED FEES	$0	$0	$0	$0					
543	BROKERAGE CENTS/SH	$0	$0	$0	$0					
544	VAL END QTR 4	$8,063	$8,167	$8,260	$8,354					
545	POST TAX TERMINATION VALUE	$764	NA	NA	NA					
546	CAPTIAL APPRECIATION QTR 5		$116	$116	$116	$116				
547	TAXABLE GAIN		$0	$0	$0	$0				
548	NET DIV INCOME & INTEREST EXP		($154)	($154)	($154)	($154)				
549	CAPTIAL GAINS TAX		$0	$0	$0	$0				
550	ORDINARY INCOME TAX		($61)	($61)	($61)	($61)				
551	FIXED FEES		$0	$0	$0	$0				
552	BROKERAGE CENTS/SH		$0	$0	$0	$0				
553	VAL END QTR 5		$8,189	$8,283	$8,376	$8,470				
554	POST TAX TERMINATION VALUE		$867	NA	NA	NA				
555	CAPTIAL APPRECIATION QTR 6			$117	$117	$117	$117			
556	TAXABLE GAIN			$0	$0	$0	$0			
557	NET DIV INCOME & INTEREST EXP			($154)	($154)	($154)	($154)			
558	CAPTIAL GAINS TAX			$0	$0	$0	$0			
559	ORDINARY INCOME TAX			($61)	($61)	($61)	($61)			
560	FIXED FEES			$0	$0	$0	$0			

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FIG. 22

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
561	BROKERAGE CENTS/SH			$0	$0	$0	$0			
562	VAL END QTR 6			$8,307	$8,401	$8,494	$8,587			
563	POST TAX TERMINATION VALUE			$961	NA	NA	NA			
564	CAPTIAL APPRECIATION QTR 7				$119	$119	$119	$119		
565	TAXABLE GAIN				$0	$0	$0	$0		
566	NET DIV INCOME & INTEREST EXP				($154)	($154)	($154)	($154)		
567	CAPTIAL GAINS TAX				$0	$0	$0	$0		
568	ORDINARY INCOME TAX				($61)	($61)	($61)	($61)		
569	FIXED FEES				$0	$0	$0	$0		
570	BROKERAGE CENTS/SH				$0	$0	$0	$0		
571	VAL END QTR 7				$8,427	$8,520	$8,613	$8,706		
572	POST TAX TERMINATION VALUE				$1,057	NA	NA	NA		
573	CAPTIAL APPRECIATION QTR 8					$120	$120	$120	$120	
574	TAXABLE GAIN					$0	$0	$0	$0	
575	NET DIV INCOME & INTEREST EXP					($153)	($153)	($153)	($153)	
576	CAPTIAL GAINS TAX					$0	$0	$0	$0	
577	ORDINARY INCOME TAX					($61)	($61)	($61)	($61)	
578	FIXED FEES					$0	$0	$0	$0	
579	BROKERAGE CENTS/SH					$0	$0	$0	$0	
580	VAL END QTR 8					$8,548	$8,641	$8,734	$8,827	
581	POST TAX TERMINATION VALUE					$1,154	NA	NA	NA	
582	CAPTIAL APPRECIATION QTR 9						$122	$122	$122	$122
583	TAXABLE GAIN						$0	$0	$0	$0
584	NET DIV INCOME & INTEREST EXP						($153)	($153)	($153)	($153)
585	CAPTIAL GAINS TAX						$0	$0	$0	$0
586	ORDINARY INCOME TAX						($61)	($61)	($61)	($61)
587	FIXED FEES						$0	$0	$0	$0
588	BROKERAGE CENTS/SH						$0	$0	$0	$0
589	VAL END QTR 9						$8,671	$8,764	$8,857	$8,949
590	POST TAX TERMINATION VALUE						$1,253	NA	NA	NA
591	CAPTIAL APPRECIATION QTR 10							$124	$124	$124
592	TAXABLE GAIN							$0	$0	$0
593	NET DIV INCOME & INTEREST EXP							($153)	($153)	($153)
594	CAPTIAL GAINS TAX							$0	$0	$0
595	ORDINARY INCOME TAX							($60)	($60)	($60)

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FIG. 23

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
596	FIXED FEES							$0	$0	$0
597	BROKERAGE CENTS/SH							$0	$0	$0
598	VAL END QTR 10							$8,795	$8,888	$8,981
599	POST TAX TERMINATION VALUE							$1,352	NA	NA
600	CAPTIAL APPRECIATION QTR 11								$125	$125
601	TAXABLE GAIN								$0	$0
602	NET DIV INCOME & INTEREST EXP								($152)	($152)
603	CAPTIAL GAINS TAX								$0	$0
604	ORDINARY INCOME TAX								($60)	($60)
605	FIXED FEES								$0	$0
606	BROKERAGE CENTS/SH								$0	$0
607	VAL END QTR 11								$8,922	$9,014
608	POST TAX TERMINATION VALUE								$1,453	NA
609	CAPTIAL APPRECIATION QTR 12									$127
610	TAXABLE GAIN									$0
611	NET DIV INCOME & INTEREST EXP									($152)
612	CAPTIAL GAINS TAX									$0
613	ORDINARY INCOME TAX									($60)
614	FIXED FEES									$0
615	BROKERAGE CENTS/SH									$0
616	VAL END QTR 12									$9,050
617	POST TAX TERMINATION VALUE									$1,556
618	CAPTIAL APPRECIATION QTR 13									
619	TAXABLE GAIN									
620	NET DIV INCOME & INTEREST EXP									
621	CAPTIAL GAINS TAX									
622	ORDINARY INCOME TAX									
623	FIXED FEES									
624	BROKERAGE CENTS/SH									
625	VAL END QTR 13									
626	POST TAX TERMINATION VALUE									
627	CAPTIAL APPRECIATION QTR 14									
628	TAXABLE GAIN									
629	NET DIV INCOME & INTEREST EXP									
630	CAPTIAL GAINS TAX									

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FIG. 24

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
631	ORDINARY INCOME TAX									
632	FIXED FEES									
633	BROKERAGE CENTS/SH									
634	VAL END QTR 14									
635	POST TAX TERMINATION VALUE									
636	CAPTIAL APPRECIATION QTR 15									
637	TAXABLE GAIN									
638	NET DIV INCOME & INTEREST EXP									
639	CAPTIAL GAINS TAX									
640	ORDINARY INCOME TAX									
641	FIXED FEES									
642	BROKERAGE CENTS/SH									
643	VAL END QTR 15									
644	POST TAX TERMINATION VALUE									
645	CAPTIAL APPRECIATION QTR 16									
646	TAXABLE GAIN									
647	NET DIV INCOME & INTEREST EXP									
648	CAPTIAL GAINS TAX									
649	ORDINARY INCOME TAX									
650	FIXED FEES									
651	BROKERAGE CENTS/SH									
652	VAL END QTR 16									
653	POST TAX TERMINATION VALUE									
654	CAPTIAL APPRECIATION QTR 17									
655	TAXABLE GAIN									
656	NET DIV INCOME & INTEREST EXP									
657	CAPTIAL GAINS TAX									
658	ORDINARY INCOME TAX									
659	FIXED FEES									
660	BROKERAGE CENTS/SH									
661	VAL END QTR 17									
662	POST TAX TERMINATION VALUE									
663	CAPTIAL APPRECIATION QTR 18									
664	TAXABLE GAIN									
665	NET DIV INCOME & INTEREST EXP									

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FIG. 25

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A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
876	BROKERAGE CENTS/SH									
877	VAL END QTR 41									
878	POST TAX TERMINATION VALUE									
879	CAPTIAL APPRECIATION QTR 42									
880	TAXABLE GAIN									
881	NET DIV INCOME & INTEREST EXP									
882	CAPTIAL GAINS TAX									
883	ORDINARY INCOME TAX									
884	FIXED FEES									
885	BROKERAGE CENTS/SH									
886	VAL END QTR 42									
887	POST TAX TERMINATION VALUE									
888	CAPTIAL APPRECIATION QTR 43									
889	TAXABLE GAIN									
890	NET DIV INCOME & INTEREST EXP									
891	CAPTIAL GAINS TAX									
892	ORDINARY INCOME TAX									
893	FIXED FEES									
894	BROKERAGE CENTS/SH									
895	VAL END QTR 43									
896	POST TAX TERMINATION VALUE									
897	CAPTIAL APPRECIATION QTR 44									
898	TAXABLE GAIN									
899	NET DIV INCOME & INTEREST EXP									
900	CAPTIAL GAINS TAX									
901	ORDINARY INCOME TAX									
902	FIXED FEES									
903	BROKERAGE CENTS/SH									
904	VAL END QTR 44									
905	POST TAX TERMINATION VALUE									
906										
907										
908										
909										
910		EXERCISE								

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FIG. 26

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
911		PURCHASE								
912		NOW &								
913		SELL NOW								
914										
915										
916										
917	FIXED FEES	2.0%								
918	REINVESTMENT CAPITAL APP.	13.4%								
919	MKT & REINVESTMENT DIVIDEND	1.6%								
920	COST	$7,000								
921	MARGINAL TAX RATE	39.6%								
922	CURR MARKET VALUE	$8,000								
923	BROKERAGE TRANS COST	$10 00								
924	AFT TAX VAL	$597 96								
925	EFF. REINV. CAP GAIN RATE	39.6%								
926	TURNOVER	50%								
927										
928										
929	QTRS UNTIL OPTION MATURES	0	1	2	3	4	5	6	7	8
930	CAPTIAL APPRECIATION QTR 1	$20	$20	$20	$20	$20	$20	$20	$20	$20
931	TAXABLE GAIN	$3	$3	$3	$3	$3	$3	$3	$3	$3
932	NET DIV INCOME & INTEREST EXP	$2	$2	$2	$2	$2	$2	$2	$2	$2
933	CAPTIAL GAINS TAX	$1	$1	$1	$1	$1	$1	$1	$1	$1
934	ORDINARY INCOME TAX	$1	$1	$1	$1	$1	$1	$1	$1	$1
935	FIXED FEES	$3	$3	$3	$3	$3	$3	$3	$3	$3
936	BROKERAGE CENTS/SH	$0	$0	$0	$0	$0	$0	$0	$0	$0
937	VAL END QTR 1	$615	$615	$615	$615	$615	$615	$615	$615	$615
938	POST TAX TERMINATION VALUE	NA	NA	NA	NA	NA	NA	NA	NA	NA
939	CAPTIAL APPRECIATION QTR 2	$21	$21	$21	$21	$21	$21	$21	$21	$21
940	TAXABLE GAIN	$5	$5	$5	$5	$5	$5	$5	$5	$5
941	NET DIV INCOME & INTEREST EXP	$2	$2	$2	$2	$2	$2	$2	$2	$2
942	CAPTIAL GAINS TAX	$2	$2	$2	$2	$2	$2	$2	$2	$2
943	ORDINARY INCOME TAX	$1	$1	$1	$1	$1	$1	$1	$1	$1
944	FIXED FEES	$3	$3	$3	$3	$3	$3	$3	$3	$3
945	BROKERAGE CENTS/SH	$0	$0	$0	$0	$0	$0	$0	$0	$0

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FIG. 27

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
946	VAL END QTR 2	$633	$633	$633	$633	$633	$633	$633	$633	$633
947	POST TAX TERMINATION VALUE	NA	NA	NA	NA	NA	NA	NA	NA	NA
948	CAPTIAL APPRECIATION QTR 3	$21	$21	$21	$21	$21	$21	$21	$21	$21
949	TAXABLE GAIN	$7	$7	$7	$7	$7	$7	$7	$7	$7
950	NET DIV INCOME & INTEREST EXP	$3	$3	$3	$3	$3	$3	$3	$3	$3
951	CAPTIAL GAINS TAX	$3	$3	$3	$3	$3	$3	$3	$3	$3
952	ORDINARY INCOME TAX	$1	$1	$1	$1	$1	$1	$1	$1	$1
953	FIXED FEES	$3	$3	$3	$3	$3	$3	$3	$3	$3
954	BROKERAGE CENTS/SH	$0	$0	$0	$0	$0	$0	$0	$0	$0
955	VAL END QTR 3	$649	$649	$649	$649	$649	$649	$649	$649	$649
956	POST TAX TERMINATION VALUE	NA	NA	NA	NA	NA	NA	NA	NA	NA
957	CAPTIAL APPRECIATION QTR 4	$22	$22	$22	$22	$22	$22	$22	$22	$22
958	TAXABLE GAIN	$9	$9	$9	$9	$9	$9	$9	$9	$9
959	NET DIV INCOME & INTEREST EXP	$3	$3	$3	$3	$3	$3	$3	$3	$3
960	CAPTIAL GAINS TAX	$3	$3	$3	$3	$3	$3	$3	$3	$3
961	ORDINARY INCOME TAX	$1	$1	$1	$1	$1	$1	$1	$1	$1
962	FIXED FEES	$3	$3	$3	$3	$3	$3	$3	$3	$3
963	BROKERAGE CENTS/SH	$0	$0	$0	$0	$0	$0	$0	$0	$0
964	VAL END QTR 4	$666	$666	$666	$666	$666	$666	$666	$666	$666
965	POST TAX TERMINATION VALUE	$642	NA	NA	NA	NA	NA	NA	NA	NA
966	CAPTIAL APPRECIATION QTR 5		$22	$22	$22	$22	$22	$22	$22	$22
967	TAXABLE GAIN		$10	$10	$10	$10	$10	$10	$10	$10
968	NET DIV INCOME & INTEREST EXP		$3	$3	$3	$3	$3	$3	$3	$3
969	CAPTIAL GAINS TAX		$4	$4	$4	$4	$4	$4	$4	$4
970	ORDINARY INCOME TAX		$1	$1	$1	$1	$1	$1	$1	$1
971	FIXED FEES		$3	$3	$3	$3	$3	$3	$3	$3
972	BROKERAGE CENTS/SH		$0	$0	$0	$0	$0	$0	$0	$0
973	VAL END QTR 5		$683	$683	$683	$683	$683	$683	$683	$683
974	POST TAX TERMINATION VALUE		$654	NA	NA	NA	NA	NA	NA	NA
975	CAPTIAL APPRECIATION QTR 6			$23	$23	$23	$23	$23	$23	$23
976	TAXABLE GAIN			$12	$12	$12	$12	$12	$12	$12
977	NET DIV INCOME & INTEREST EXP			$3	$3	$3	$3	$3	$3	$3
978	CAPTIAL GAINS TAX			$5	$5	$5	$5	$5	$5	$5
979	ORDINARY INCOME TAX			$1	$1	$1	$1	$1	$1	$1
980	FIXED FEES			$3	$3	$3	$3	$3	$3	$3

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FIG. 28

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
981	BROKERAGE CENTS/SH			$0	$0	$0	$0	$0	$0	$0
982	VAL END QTR 6			$699	$699	$699	$699	$699	$699	$699
983	POST TAX TERMINATION VALUE			$666	NA	NA	NA	NA	NA	NA
984	CAPTIAL APPRECIATION QTR 7				$23	$23	$23	$23	$23	$23
985	TAXABLE GAIN				$13	$13	$13	$13	$13	$13
986	NET DIV INCOME & INTEREST EXP				$3	$3	$3	$3	$3	$3
987	CAPTIAL GAINS TAX				$5	$5	$5	$5	$5	$5
988	ORDINARY INCOME TAX				$1	$1	$1	$1	$1	$1
989	FIXED FEES				$3	$3	$3	$3	$3	$3
990	BROKERAGE CENTS/SH				$0	$0	$0	$0	$0	$0
991	VAL END QTR 7				$715	$715	$715	$715	$715	$715
992	POST TAX TERMINATION VALUE				$678	NA	NA	NA	NA	NA
993	CAPTIAL APPRECIATION QTR 8					$24	$24	$24	$24	$24
994	TAXABLE GAIN					$15	$15	$15	$15	$15
995	NET DIV INCOME & INTEREST EXP					$3	$3	$3	$3	$3
996	CAPTIAL GAINS TAX					$6	$6	$6	$6	$6
997	ORDINARY INCOME TAX					$1	$1	$1	$1	$1
998	FIXED FEES					$4	$4	$4	$4	$4
999	BROKERAGE CENTS/SH					$0	$0	$0	$0	$0
1000	VAL END QTR 8					$732	$732	$732	$732	$732
1001	POST TAX TERMINATION VALUE					$691	NA	NA	NA	NA
1002	CAPTIAL APPRECIATION QTR 9						$25	$25	$25	$25
1003	TAXABLE GAIN						$16	$16	$16	$16
1004	NET DIV INCOME & INTEREST EXP						$3	$3	$3	$3
1005	CAPTIAL GAINS TAX						$6	$6	$6	$6
1006	ORDINARY INCOME TAX						$1	$1	$1	$1
1007	FIXED FEES						$4	$4	$4	$4
1008	BROKERAGE CENTS/SH						$0	$0	$0	$0
1009	VAL END QTR 9						$748	$748	$748	$748
1010	POST TAX TERMINATION VALUE						$704	NA	NA	NA
1011	CAPTIAL APPRECIATION QTR 10							$25	$25	$25
1012	TAXABLE GAIN							$17	$17	$17
1013	NET DIV INCOME & INTEREST EXP							$3	$3	$3
1014	CAPTIAL GAINS TAX							$7	$7	$7
1015	ORDINARY INCOME TAX							$1	$1	$1

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FIG. 29

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1016	FIXED FEES							$4	$4	$4
1017	BROKERAGE CENTS/SH							$0	$0	$0
1018	VAL END QTR 10							$764	$764	$764
1019	POST TAX TERMINATION VALUE							$717	NA	NA
1020	CAPTIAL APPRECIATION QTR 11								$26	$26
1021	TAXABLE GAIN								$18	$18
1022	NET DIV INCOME & INTEREST EXP								$3	$3
1023	CAPTIAL GAINS TAX								$7	$7
1024	ORDINARY INCOME TAX								$1	$1
1025	FIXED FEES								$4	$4
1026	BROKERAGE CENTS/SH								$0	$0
1027	VAL END QTR 11								$781	$781
1028	POST TAX TERMINATION VALUE								$730	NA
1029	CAPTIAL APPRECIATION QTR 12									$26
1030	TAXABLE GAIN									$19
1031	NET DIV INCOME & INTEREST EXP									$3
1032	CAPTIAL GAINS TAX									$8
1033	ORDINARY INCOME TAX									$1
1034	FIXED FEES									$4
1035	BROKERAGE CENTS/SH									$0
1036	VAL END QTR 12									$797
1037	POST TAX TERMINATION VALUE									$744
1038	CAPTIAL APPRECIATION QTR 13									
1039	TAXABLE GAIN									
1040	NET DIV INCOME & INTEREST EXP									
1041	CAPTIAL GAINS TAX									
1042	ORDINARY INCOME TAX									
1043	FIXED FEES									
1044	BROKERAGE CENTS/SH									
1045	VAL END QTR 13									
1046	POST TAX TERMINATION VALUE									
1047	CAPTIAL APPRECIATION QTR 14									
1048	TAXABLE GAIN									
1049	NET DIV INCOME & INTEREST EXP									
1050	CAPTIAL GAINS TAX									

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FIG. 30

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A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1051	ORDINARY INCOME TAX									
1052	FIXED FEES									
1053	BROKERAGE CENTS/SH									
1054	VAL END QTR 14									
1055	POST TAX TERMINATION VALUE									
1056	CAPTIAL APPRECIATION QTR 15									
1057	TAXABLE GAIN									
1058	NET DIV INCOME & INTEREST EXP									
1059	CAPTIAL GAINS TAX									
1060	ORDINARY INCOME TAX									
1061	FIXED FEES									
1062	BROKERAGE CENTS/SH									
1063	VAL END QTR 15									
1064	POST TAX TERMINATION VALUE									
1065	CAPTIAL APPRECIATION QTR 16									
1066	TAXABLE GAIN									
1067	NET DIV INCOME & INTEREST EXP									
1068	CAPTIAL GAINS TAX									
1069	ORDINARY INCOME TAX									
1070	FIXED FEES									
1071	BROKERAGE CENTS/SH									
1072	VAL END QTR 16									
1073	POST TAX TERMINATION VALUE									
1074	CAPTIAL APPRECIATION QTR 17									
1075	TAXABLE GAIN									
1076	NET DIV INCOME & INTEREST EXP									
1077	CAPTIAL GAINS TAX									
1078	ORDINARY INCOME TAX									
1079	FIXED FEES									
1080	BROKERAGE CENTS/SH									
1081	VAL END QTR 17									
1082	POST TAX TERMINATION VALUE									
1083	CAPTIAL APPRECIATION QTR 18									
1084	TAXABLE GAIN									
1085	NET DIV INCOME & INTEREST EXP									

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FIG. 31

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1296	BROKERAGE CENTS/SH									
1297	VAL END QTR 41									
1298	POST TAX TERMINATION VALUE									
1299	CAPTIAL APPRECIATION QTR 42									
1300	TAXABLE GAIN									
1301	NET DIV INCOME & INTEREST EXP									
1302	CAPTIAL GAINS TAX									
1303	ORDINARY INCOME TAX									
1304	FIXED FEES									
1305	BROKERAGE CENTS/SH									
1306	VAL END QTR 42									
1307	POST TAX TERMINATION VALUE									
1308	CAPTIAL APPRECIATION QTR 43									
1309	TAXABLE GAIN									
1310	NET DIV INCOME & INTEREST EXP									
1311	CAPTIAL GAINS TAX									
1312	ORDINARY INCOME TAX									
1313	FIXED FEES									
1314	BROKERAGE CENTS/SH									
1315	VAL END QTR 43									
1316	POST TAX TERMINATION VALUE									
1317	CAPTIAL APPRECIATION QTR 44									
1318	TAXABLE GAIN									
1319	NET DIV INCOME & INTEREST EXP									
1320	CAPTIAL GAINS TAX									
1321	ORDINARY INCOME TAX									
1322	FIXED FEES									
1323	BROKERAGE CENTS/SH									
1324	VAL END QTR 44									
1325	POST TAX TERMINATION VALUE									
1326										
1327										
1328										
1329										
1330		EXERCISE								

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FIG. 32

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1331		PURCHASE								
1332		NOW &								
1333		SELL L.T.								
1334										
1335										
1336	STOCK DIVIDEND RATE	1.0%								
1337	STK EARNINGS & DIV GROWTH	13.0%								
1338	STK COMP. CAPITAL APP. POT.	5.5%								
1339	STOCK TOTAL RETURN POTENTIAL	6.5%								
1340	FIXED FEES	2.0%								
1341	REINVESTMENT CAPITAL APP.	13.4%								
1342	MKT & REINVESTMENT DIVIDEND	1 6%								
1343	COST	$7,000								
1344	MARGINAL TAX RATE	39.6%								
1345	CURR MARKET VALUE	$8,000								
1346	BROKERAGE TRANS COST	$10								
1347	AFT TAX VAL	$592								
1348	EFF. REINV. CAP GAIN RATE	39.6%								
1349	TURNOVER LIMIT	50%								
1350	EXERCISE LOAN AMOUNT	$7,010								
1351	EXERCISE COST BORROWING RATE	10.0%								
1352	QUARTER COST OF BORROWING	$175.25								
1353	QTRS UNTIL OPTION MATURES	0	1	2	3	4	5	6	7	8
1354	CAPTIAL APPRECIATION QTR 1	$110	$110	$110	$110	$110	$110	$110	$110	$110
1355	TAXABLE GAIN	$0	$0	$0	$0	$0	$0	$0	$0	$0
1356	NET DIV INCOME & INTEREST EXP	($155)	($155)	($155)	($155)	($155)	($155)	($155)	($155)	($155)
1357	CAPTIAL GAINS TAX	$0	$0	$0	$0	$0	$0	$0	$0	$0
1358	ORDINARY INCOME TAX	($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)
1359	FIXED FEES	$0	$0	$0	$0	$0	$0	$0	$0	$0
1360	BROKERAGE CENTS/SH	$0	$0	$0	$0	$0	$0	$0	$0	$0
1361	VAL END QTR 1	$8,016	$8,016	$8,016	$8,016	$8,016	$8,016	$8,016	$8,016	$8,016
1362	POST TAX TERMINATION VALUE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1363	CAPTIAL APPRECIATION QTR 2	$111	$111	$111	$111	$111	$111	$111	$111	$111
1364	TAXABLE GAIN	$0	$0	$0	$0	$0	$0	$0	$0	$0
1365	NET DIV INCOME & INTEREST EXP	($155)	($155)	($155)	($155)	($155)	($155)	($155)	($155)	($155)

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FIG. 33

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1366	CAPTIAL GAINS TAX	$0	$0	$0	$0	$0	$0	$0	$0	$0
1367	ORDINARY INCOME TAX	($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)
1368	FIXED FEES	$0	$0	$0	$0	$0	$0	$0	$0	$0
1369	BROKERAGE CENTS/SH	$0	$0	$0	$0	$0	$0	$0	$0	$0
1370	VAL END QTR 2	$8,033	$8,033	$8,033	$8,033	$8,033	$8,033	$8,033	$8,033	$8,033
1371	POST TAX TERMINATION VALUE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1372	CAPTIAL APPRECIATION QTR 3	$113	$113	$113	$113	$113	$113	$113	$113	$113
1373	TAXABLE GAIN	$0	$0	$0	$0	$0	$0	$0	$0	$0
1374	NET DIV INCOME & INTEREST EXP	($155)	($155)	($155)	($155)	($155)	($155)	($155)	($155)	($155)
1375	CAPTIAL GAINS TAX	$0	$0	$0	$0	$0	$0	$0	$0	$0
1376	ORDINARY INCOME TAX	($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)
1377	FIXED FEES	$0	$0	$0	$0	$0	$0	$0	$0	$0
1378	BROKERAGE CENTS/SH	$0	$0	$0	$0	$0	$0	$0	$0	$0
1379	VAL END QTR 3	$8,052	$8,052	$8,052	$8,052	$8,052	$8,052	$8,052	$8,052	$8,052
1380	POST TAX TERMINATION VALUE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1381	CAPTIAL APPRECIATION QTR 4	$114	$114	$114	$114	$114	$114	$114	$114	$114
1382	TAXABLE GAIN	$0	$0	$0	$0	$0	$0	$0	$0	$0
1383	NET DIV INCOME & INTEREST EXP	($154)	($154)	($154)	($154)	($154)	($154)	($154)	($154)	($154)
1384	CAPTIAL GAINS TAX	$0	$0	$0	$0	$0	$0	$0	$0	$0
1385	ORDINARY INCOME TAX	($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)
1386	FIXED FEES	$0	$0	$0	$0	$0	$0	$0	$0	$0
1387	BROKERAGE CENTS/SH	$0	$0	$0	$0	$0	$0	$0	$0	$0
1388	VAL END QTR 4	$8,073	$8,073	$8,073	$8,073	$8,073	$8,073	$8,073	$8,073	$8,073
1389	POST TAX TERMINATION VALUE	$774	$774	$774	$774	$774	$774	$774	$774	$774
1390	CAPTIAL APPRECIATION QTR 5		$26	$26	$26	$26	$26	$26	$26	$26
1391	TAXABLE GAIN		$3	$3	$3	$3	$3	$3	$3	$3
1392	NET DIV INCOME & INTEREST EXP		$3	$3	$3	$3	$3	$3	$3	$3
1393	CAPTIAL GAINS TAX		$1	$1	$1	$1	$1	$1	$1	$1
1394	ORDINARY INCOME TAX		$1	$1	$1	$1	$1	$1	$1	$1
1395	FIXED FEES		$4	$4	$4	$4	$4	$4	$4	$4
1396	BROKERAGE CENTS/SH		$0	$0	$0	$0	$0	$0	$0	$0
1397	VAL END QTR 5		$796	$796	$796	$796	$796	$796	$796	$796
1398	POST TAX TERMINATION VALUE		$787	NA	NA	NA	NA	NA	NA	NA
1399	CAPTIAL APPRECIATION QTR 6			$27	$27	$27	$27	$27	$27	$27
1400	TAXABLE GAIN			$6	$6	$6	$6	$6	$6	$6

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FIG. 34

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1401	NET DIV INCOME & INTEREST EXP			$0	$0	$0	$0	$0	$0	$0
1402	CAPTIAL GAINS TAX			$2	$2	$2	$2	$2	$2	$2
1403	ORDINARY INCOME TAX			$0	$0	$0	$0	$0	$0	$0
1404	FIXED FEES			$0	$0	$0	$0	$0	$0	$0
1405	BROKERAGE CENTS/SH			$0	$0	$0	$0	$0	$0	$0
1406	VAL END QTR 6			$821	$821	$821	$821	$821	$821	$821
1407	POST TAX TERMINATION VALUE			$803	NA	NA	NA	NA	NA	NA
1408	CAPTIAL APPRECIATION QTR 7				$27	$27	$27	$27	$27	$27
1409	TAXABLE GAIN				$9	$9	$9	$9	$9	$9
1410	NET DIV INCOME & INTEREST EXP				$0	$0	$0	$0	$0	$0
1411	CAPTIAL GAINS TAX				$3	$3	$3	$3	$3	$3
1412	ORDINARY INCOME TAX				$0	$0	$0	$0	$0	$0
1413	FIXED FEES				$0	$0	$0	$0	$0	$0
1414	BROKERAGE CENTS/SH				$0	$0	$0	$0	$0	$0
1415	VAL END QTR 7				$845	$845	$845	$845	$845	$845
1416	POST TAX TERMINATION VALUE				$820	NA	NA	NA	NA	NA
1417	CAPTIAL APPRECIATION QTR 8					$28	$28	$28	$28	$28
1418	TAXABLE GAIN					$11	$11	$11	$11	$11
1419	NET DIV INCOME & INTEREST EXP					$0	$0	$0	$0	$0
1420	CAPTIAL GAINS TAX					$4	$4	$4	$4	$4
1421	ORDINARY INCOME TAX					$0	$0	$0	$0	$0
1422	FIXED FEES					$0	$0	$0	$0	$0
1423	BROKERAGE CENTS/SH					$0	$0	$0	$0	$0
1424	VAL END QTR 8					$868	$868	$868	$868	$868
1425	POST TAX TERMINATION VALUE					$837	NA	NA	NA	NA
1426	CAPTIAL APPRECIATION QTR 9						$29	$29	$29	$29
1427	TAXABLE GAIN						$13	$13	$13	$13
1428	NET DIV INCOME & INTEREST EXP						$0	$0	$0	$0
1429	CAPTIAL GAINS TAX						$5	$5	$5	$5
1430	ORDINARY INCOME TAX						$0	$0	$0	$0
1431	FIXED FEES						$0	$0	$0	$0
1432	BROKERAGE CENTS/SH						$0	$0	$0	$0
1433	VAL END QTR 9						$892	$892	$892	$892
1434	POST TAX TERMINATION VALUE						$855	NA	NA	NA
1435	CAPTIAL APPRECIATION QTR 10							$30	$30	$30

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FIG. 35

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1436	TAXABLE GAIN							$16	$16	$16
1437	NET DIV INCOME & INTEREST EXP							$0	$0	$0
1438	CAPTIAL GAINS TAX							$6	$6	$6
1439	ORDINARY INCOME TAX							$0	$0	$0
1440	FIXED FEES							$0	$0	$0
1441	BROKERAGE CENTS/SH							$0	$0	$0
1442	VAL END QTR 10							$916	$916	$916
1443	POST TAX TERMINATION VALUE							$873	NA	NA
1444	CAPTIAL APPRECIATION QTR 11								$31	$31
1445	TAXABLE GAIN								$17	$17
1446	NET DIV INCOME & INTEREST EXP								$0	$0
1447	CAPTIAL GAINS TAX								$7	$7
1448	ORDINARY INCOME TAX								$0	$0
1449	FIXED FEES								$0	$0
1450	BROKERAGE CENTS/SH								$0	$0
1451	VAL END QTR 11								$940	$940
1452	POST TAX TERMINATION VALUE								$891	NA
1453	CAPTIAL APPRECIATION QTR 12									$31
1454	TAXABLE GAIN									$19
1455	NET DIV INCOME & INTEREST EXP									$0
1456	CAPTIAL GAINS TAX									$8
1457	ORDINARY INCOME TAX									$0
1458	FIXED FEES									$0
1459	BROKERAGE CENTS/SH									$0
1460	VAL END QTR 12									$963
1461	POST TAX TERMINATION VALUE									$910
1462	CAPTIAL APPRECIATION QTR 13									
1463	TAXABLE GAIN									
1464	NET DIV INCOME & INTEREST EXP									
1465	CAPTIAL GAINS TAX									
1466	ORDINARY INCOME TAX									
1467	FIXED FEES									
1468	BROKERAGE CENTS/SH									
1469	VAL END QTR 13									
1470	POST TAX TERMINATION VALUE									

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FIG. 36

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1471	CAPTIAL APPRECIATION QTR 14									
1472	TAXABLE GAIN									
1473	NET DIV INCOME & INTEREST EXP									
1474	CAPTIAL GAINS TAX									
1475	ORDINARY INCOME TAX									
1476	FIXED FEES									
1477	BROKERAGE CENTS/SH									
1478	VAL END QTR 14									
1479	POST TAX TERMINATION VALUE									
1480	CAPTIAL APPRECIATION QTR 15									
1481	TAXABLE GAIN									
1482	NET DIV INCOME & INTEREST EXP									
1483	CAPTIAL GAINS TAX									
1484	ORDINARY INCOME TAX									
1485	FIXED FEES									
1486	BROKERAGE CENTS/SH									
1487	VAL END QTR 15									
1488	POST TAX TERMINATION VALUE									
1489	CAPTIAL APPRECIATION QTR 16									
1490	TAXABLE GAIN									
1491	NET DIV INCOME & INTEREST EXP									
1492	CAPTIAL GAINS TAX									
1493	ORDINARY INCOME TAX									
1494	FIXED FEES									
1495	BROKERAGE CENTS/SH									
1496	VAL END QTR 16									
1497	POST TAX TERMINATION VALUE									
1498	CAPTIAL APPRECIATION QTR 17									
1499	TAXABLE GAIN									
1500	NET DIV INCOME & INTEREST EXP									
1501	CAPTIAL GAINS TAX									
1502	ORDINARY INCOME TAX									
1503	FIXED FEES									
1504	BROKERAGE CENTS/SH									
1505	VAL END QTR 17									

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FIG. 37

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A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1751										
1752										
1753										
1754										
1755		EXERCISE								
1756		PURCHASE								
1757		NOW & SELL								
1758		12 MONTHS								
1759		PAST MATURITY								
1760										
1761										
1762	STOCK DIVIDEND RATE	1.0%								
1763	STK EARNINGS & DIV GROWTH	13.0%								
1764	STK COMP. CAPITAL APP. POT.	5.5%								
1765	STOCK TOTAL RETURN POTENTIAL	6.5%								
1766	COST	$7,000								
1767	MARGINAL TAX RATE	39.6%								
1768	CURR MARKET VALUE	$8,000								
1769	BROKERAGE TRANS COST	$10								
1770	AFT TAX VAL	$592								
1771	TURNOVER LIMIT	$1								
1772	EXERCISE COST BORROWING RATE	10.0%								
1773	QRTLY EXERCISE BORROWING COST	$175.25								
1774	QTRS UNTIL OPTION MATURES	0	1	2	3	4	5	6	7	8
1775	CAPTIAL APPRECIATION QTR 1	$110	$110	$110	$110	$110	$110	$110	$110	$110
1776	TAXABLE GAIN	$0	$0	$0	$0	$0	$0	$0	$0	$0
1777	NET DIV INCOME & INTEREST EXP	($155)	($155)	($155)	($155)	($155)	($155)	($155)	($155)	($155)
1778	CAPTIAL GAINS TAX	$0	$0	$0	$0	$0	$0	$0	$0	$0
1779	ORDINARY INCOME TAX	($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)
1780	FIXED FEES	$0	$0	$0	$0	$0	$0	$0	$0	$0
1781	BROKERAGE CENTS/SH	$0	$0	$0	$0	$0	$0	$0	$0	$0
1782	VAL END QTR 1	$8,016	$8,016	$8,016	$8,016	$8,016	$8,016	$8,016	$8,016	$8,016
1783	POST TAX TERMINATION VALUE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1784	CAPTIAL APPRECIATION QTR 2	$111	$111	$111	$111	$111	$111	$111	$111	$111
1785	TAXABLE GAIN	$0	$0	$0	$0	$0	$0	$0	$0	$0

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FIG. 38

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1786	NET DIV INCOME & INTEREST EXP	($155)	($155)	($155)	($155)	($155)	($155)	($155)	($155)	($155)
1787	CAPTIAL GAINS TAX	$0	$0	$0	$0	$0	$0	$0	$0	$0
1788	ORDINARY INCOME TAX	($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)
1789	FIXED FEES	$0	$0	$0	$0	$0	$0	$0	$0	$0
1790	BROKERAGE CENTS/SH	$0	$0	$0	$0	$0	$0	$0	$0	$0
1791	VAL END QTR 2	$8,033	$8,033	$8,033	$8,033	$8,033	$8,033	$8,033	$8,033	$8,033
1792	POST TAX TERMINATION VALUE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1793	CAPTIAL APPRECIATION QTR 3	$113	$113	$113	$113	$113	$113	$113	$113	$113
1794	TAXABLE GAIN	$0	$0	$0	$0	$0	$0	$0	$0	$0
1795	NET DIV INCOME & INTEREST EXP	($155)	($155)	($155)	($155)	($155)	($155)	($155)	($155)	($155)
1796	CAPTIAL GAINS TAX	$0	$0	$0	$0	$0	$0	$0	$0	$0
1797	ORDINARY INCOME TAX	($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)
1798	FIXED FEES	$0	$0	$0	$0	$0	$0	$0	$0	$0
1799	BROKERAGE CENTS/SH	$0	$0	$0	$0	$0	$0	$0	$0	$0
1800	VAL END QTR 3	$8,052	$8,052	$8,052	$8,052	$8,052	$8,052	$8,052	$8,052	$8,052
1801	POST TAX TERMINATION VALUE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1802	CAPTIAL APPRECIATION QTR 4	$114	$114	$114	$114	$114	$114	$114	$114	$114
1803	TAXABLE GAIN	$0	$0	$0	$0	$0	$0	$0	$0	$0
1804	NET DIV INCOME & INTEREST EXP	($154)	($154)	($154)	($154)	($154)	($154)	($154)	($154)	($154)
1805	CAPTIAL GAINS TAX	$0	$0	$0	$0	$0	$0	$0	$0	$0
1806	ORDINARY INCOME TAX	($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)
1807	FIXED FEES	$0	$0	$0	$0	$0	$0	$0	$0	$0
1808	BROKERAGE CENTS/SH	$0	$0	$0	$0	$0	$0	$0	$0	$0
1809	VAL END QTR 4	$8,073	$8,073	$8,073	$8,073	$8,073	$8,073	$8,073	$8,073	$8,073
1810	POST TAX TERMINATION VALUE	$784	NA	NA	NA	NA	NA	NA	NA	NA
1811	CAPTIAL APPRECIATION QTR 5		$116	$116	$116	$116	$116	$116	$116	$116
1812	TAXABLE GAIN		$0	$0	$0	$0	$0	$0	$0	$0
1813	NET DIV INCOME & INTEREST EXP		($154)	($154)	($154)	($154)	($154)	($154)	($154)	($154)
1814	CAPTIAL GAINS TAX		$0	$0	$0	$0	$0	$0	$0	$0
1815	ORDINARY INCOME TAX		($61)	($61)	($61)	($61)	($61)	($61)	($61)	($61)
1816	FIXED FEES		$0	$0	$0	$0	$0	$0	$0	$0
1817	BROKERAGE CENTS/SH		$0	$0	$0	$0	$0	$0	$0	$0
1818	VAL END QTR 5		$8,096	$8,096	$8,096	$8,096	$8,096	$8,096	$8,096	$8,096
1819	POST TAX TERMINATION VALUE		$783	NA	NA	NA	NA	NA	NA	NA
1820	CAPTIAL APPRECIATION QTR 6			$117	$117	$117	$117	$117	$117	$117

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FIG. 39

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1821	TAXABLE GAIN			$0	$0	$0	$0	$0	$0	$0
1822	NET DIV INCOME & INTEREST EXP			($154)	($154)	($154)	($154)	($154)	($154)	($154)
1823	CAPTIAL GAINS TAX			$0	$0	$0	$0	$0	$0	$0
1824	ORDINARY INCOME TAX			($61)	($61)	($61)	($61)	($61)	($61)	($61)
1825	FIXED FEES			$0	$0	$0	$0	$0	$0	$0
1826	BROKERAGE CENTS/SH			$0	$0	$0	$0	$0	$0	$0
1827	VAL END QTR 6			$8,120	$8,120	$8,120	$8,120	$8,120	$8,120	$8,120
1828	POST TAX TERMINATION VALUE			$784	NA	NA	NA	NA	NA	NA
1829	CAPTIAL APPRECIATION QTR 7				$119	$119	$119	$119	$119	$119
1830	TAXABLE GAIN				$0	$0	$0	$0	$0	$0
1831	NET DIV INCOME & INTEREST EXP				($154)	($154)	($154)	($154)	($154)	($154)
1832	CAPTIAL GAINS TAX				$0	$0	$0	$0	$0	$0
1833	ORDINARY INCOME TAX				($61)	($61)	($61)	($61)	($61)	($61)
1834	FIXED FEES				$0	$0	$0	$0	$0	$0
1835	BROKERAGE CENTS/SH				$0	$0	$0	$0	$0	$0
1836	VAL END QTR 7				$8,146	$8,146	$8,146	$8,146	$8,146	$8,146
1837	POST TAX TERMINATION VALUE				$786	NA	NA	NA	NA	NA
1838	CAPTIAL APPRECIATION QTR 8					$120	$120	$120	$120	$120
1839	TAXABLE GAIN					$0	$0	$0	$0	$0
1840	NET DIV INCOME & INTEREST EXP					($153)	($153)	($153)	($153)	($153)
1841	CAPTIAL GAINS TAX					$0	$0	$0	$0	$0
1842	ORDINARY INCOME TAX					($61)	($61)	($61)	($61)	($61)
1843	FIXED FEES					$0	$0	$0	$0	$0
1844	BROKERAGE CENTS/SH					$0	$0	$0	$0	$0
1845	VAL END QTR 8					$8,174	$8,174	$8,174	$8,174	$8,174
1846	POST TAX TERMINATION VALUE					$790	NA	NA	NA	NA
1847	CAPTIAL APPRECIATION QTR 9						$122	$122	$122	$122
1848	TAXABLE GAIN						$0	$0	$0	$0
1849	NET DIV INCOME & INTEREST EXP						($153)	($153)	($153)	($153)
1850	CAPTIAL GAINS TAX						$0	$0	$0	$0
1851	ORDINARY INCOME TAX						($61)	($61)	($61)	($61)
1852	FIXED FEES						$0	$0	$0	$0
1853	BROKERAGE CENTS/SH						$0	$0	$0	$0
1854	VAL END QTR 9						$8,204	$8,204	$8,204	$8,204
1855	POST TAX TERMINATION VALUE						$795	NA	NA	NA

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FIG. 40

SUBSTITUTE SHEET

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1856	CAPTIAL APPRECIATION QTR 10							$124	$124	$124
1857	TAXABLE GAIN							$0	$0	$0
1858	NET DIV INCOME & INTEREST EXP							($153)	($153)	($153)
1859	CAPTIAL GAINS TAX							$0	$0	$0
1860	ORDINARY INCOME TAX							($60)	($60)	($60)
1861	FIXED FEES							$0	$0	$0
1862	BROKERAGE CENTS/SH							$0	$0	$0
1863	VAL END QTR 10							$8,235	$8,235	$8,235
1864	POST TAX TERMINATION VALUE							$802	NA	NA
1865	CAPTIAL APPRECIATION QTR 11								$125	$125
1866	TAXABLE GAIN								$0	$0
1867	NET DIV INCOME & INTEREST EXP								($152)	($152)
1868	CAPTIAL GAINS TAX								$0	$0
1869	ORDINARY INCOME TAX								($60)	($60)
1870	FIXED FEES								$0	$0
1871	BROKERAGE CENTS/SH								$0	$0
1872	VAL END QTR 11								$8,269	$8,269
1873	POST TAX TERMINATION VALUE								$811	NA
1874	CAPTIAL APPRECIATION QTR 12									$127
1875	TAXABLE GAIN									$0
1876	NET DIV INCOME & INTEREST EXP									($152)
1877	CAPTIAL GAINS TAX									$0
1878	ORDINARY INCOME TAX									($60)
1879	FIXED FEES									$0
1880	BROKERAGE CENTS/SH									$0
1881	VAL END QTR 12									$8,304
1882	POST TAX TERMINATION VALUE									$821
1883	CAPTIAL APPRECIATION QTR 13									
1884	TAXABLE GAIN									
1885	NET DIV INCOME & INTEREST EXP									
1886	CAPTIAL GAINS TAX									
1887	ORDINARY INCOME TAX									
1888	FIXED FEES									
1889	BROKERAGE CENTS/SH									
1890	VAL END QTR 13									

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FIG. 41

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1891	POST TAX TERMINATION VALUE									
1892	CAPTIAL APPRECIATION QTR 14									
1893	TAXABLE GAIN									
1894	NET DIV INCOME & INTEREST EXP									
1895	CAPTIAL GAINS TAX									
1896	ORDINARY INCOME TAX									
1897	FIXED FEES									
1898	BROKERAGE CENTS/SH									
1899	VAL END QTR 14									
1900	POST TAX TERMINATION VALUE									
1901	CAPTIAL APPRECIATION QTR 15									
1902	TAXABLE GAIN									
1903	NET DIV INCOME & INTEREST EXP									
1904	CAPTIAL GAINS TAX									
1905	ORDINARY INCOME TAX									
1906	FIXED FEES									
1907	BROKERAGE CENTS/SH									
1908	VAL END QTR 15									
1909	POST TAX TERMINATION VALUE									
1910	CAPTIAL APPRECIATION QTR 16									
1911	TAXABLE GAIN									
1912	NET DIV INCOME & INTEREST EXP									
1913	CAPTIAL GAINS TAX									
1914	ORDINARY INCOME TAX									
1915	FIXED FEES									
1916	BROKERAGE CENTS/SH									
1917	VAL END QTR 16									
1918	POST TAX TERMINATION VALUE									
1919	CAPTIAL APPRECIATION QTR 17									
1920	TAXABLE GAIN									
1921	NET DIV INCOME & INTEREST EXP									
1922	CAPTIAL GAINS TAX									
1923	ORDINARY INCOME TAX									
1924	FIXED FEES									
1925	BROKERAGE CENTS/SH									

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FIG. 42

A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
2136	TAXABLE GAIN									
2137	NET DIV INCOME & INTEREST EXP									
2138	CAPTIAL GAINS TAX									
2139	ORDINARY INCOME TAX									
2140	FIXED FEES									
2141	BROKERAGE CENTS/SH									
2142	VAL END QTR 41									
2143	POST TAX TERMINATION VALUE									
2144	CAPTIAL APPRECIATION QTR 42									
2145	TAXABLE GAIN									
2146	NET DIV INCOME & INTEREST EXP									
2147	CAPTIAL GAINS TAX									
2148	ORDINARY INCOME TAX									
2149	FIXED FEES									
2150	BROKERAGE CENTS/SH									
2151	VAL END QTR 42									
2152	POST TAX TERMINATION VALUE									
2153	CAPTIAL APPRECIATION QTR 43									
2154	TAXABLE GAIN									
2155	NET DIV INCOME & INTEREST EXP									
2156	CAPTIAL GAINS TAX									
2157	ORDINARY INCOME TAX									
2158	FIXED FEES									
2159	BROKERAGE CENTS/SH									
2160	VAL END QTR 43									
2161	POST TAX TERMINATION VALUE									
2162	CAPTIAL APPRECIATION QTR 44									
2163	TAXABLE GAIN									
2164	NET DIV INCOME & INTEREST EXP									
2165	CAPTIAL GAINS TAX									
2166	ORDINARY INCOME TAX									
2167	FIXED FEES									
2168	BROKERAGE CENTS/SH									
2169	VAL END QTR 44									
2170	POST TAX TERMINATION VALUE									

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FIG. 43